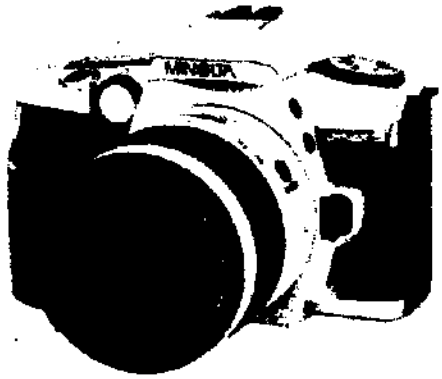
CODE

MINOLTA α - 5 (2163-090)
MINOLTA α - 5 BLACK (2163-091)
MINOLTA DYNAX 5 (2163-196)
MINOLTA DYNAX 5 DATE (2163-296)
MINOLTA MAXXUM 5 (2163-395)
MINOLTA MAXXUM 5 DATE (2163-495)
MINOLTA α -Sweet II BLACK (2163-690)
MINOLTA α -Sweet II (2163-695)



CAMERA

Type	35mm SLR with built-in flash, autoexposure (AE) and autofocus (AF)

USABLE LENS

	Minolta AF lenses
	Power zoom and power focus are possible when AF zoom xi and AF Power Zoom Lenses are used

SHUTTER

Type	Electronically-controlled, vertical-traverse, focal-plane type
Speed	1/4000s -30s, plus Bulb (approx. 6 hours with fresh battery)
Flash Sync Speed	1/125s or slower, synchronizes with all speeds in HSS (high-Speed Sync.)
Self-timer	Indication by illuminating LED or audio indication, 10-second delayed shutter release, cancelable

EXPOSURE SYSTEM

Modes	Programmed AE (P mode, PA/PS modes are available in custom function)
	Aperture priority mode (A mode)
	Shutter-speed priority mode (S mode)
	Manual mode (M mode)
Subject program selection mode	Portrait, landscape, close-up, sports action, night portrait
Manual setting	Shutter speed: 0.5 EV increment
	Aperture: 0.5Ev increment
Metering type	TTL
	Modes: 14-segment honeycomb-pattern metering
	Spot metering (5.5mm diameter)
	Direct TTL metering for flash

CODE

2(2163)A

Metering Cell	14-segment honeycomb-pattern SPC, 4-segment flash-metering SPC for flash
Metering Range (ISO 100, f/1.4 lens)	14-segment honeycomb-pattern metering: Ev1-20
	Spot metering: Ev4-20
Exposure compensation	+/- 3Ev in 1/2 increment
ISO (film speed)	Automatic setting for DX-coded films of ISO 25-5000 in 1/3 increment, Non-DX coded film is set to previous ISO setting
	Manual setting available within ISO 6-6400 in 1/3 increment, ISO 25-1000 with flash
AE-Lock	Exposure locked automatically when focus is locked
	AE lock with the Spot button

AUTOFOCUS SYSTEM

Focus mode	Autofocus/Manual focus is selectable
Main features	-Eye-start Automation
	-Wide focus area
	-Local focus area is selectable from 7-point sensors
	-Multi-dimensional predictive focus control
	-Automatic AF-mode selection/Continuous AF/Single-shot AF
	-Audio indication of focus-lock is selectable
Detection system	TTL phase-detection system
Detection cell	CCD line sensors (7-point sensors with center cross-hair sensor)
AF Sensitivity range	Ev –1 to 18 (at ISO 100)
AF Illuminator	Built-in LED (Automatically activated in low-light or low contrast situations)
	-With a dedicated flash unit, AF illuminator (LED) will be selected automatically.
	-Range: Approx.1 - 5m (with 50mm lens, based on Minolta standard test method)

FILM TRANSPORT

Loading	Automatic loading (Automatic advance to the first frame when back cover is closed)
Frame Counter	Forward counter
Modes	Single-frame advance, continuous drive (3 fps)
Rewinding	Automatic rewinding, Manual start of rewinding selectable
	Rewinding time: Approx. 8s (24 exposure film)

VIEWFINDER

Type	Eye-level fixed pentaprism
Pentaprism	Roof mirror type (silver deposited)
Focusing screen	Spherical
Field-of-view	90% x 90% (with 50mm f/1.4 lens focused at infinity)
Magnification	0.75X (with 50mm lens focused at infinity)
Eye-relief	16mm from the eyepiece, 13 mm from the eyepiece frame

CODE

Diopter	-1 diopter
Diopter adjustment	No
Panorama	Frame masking
Eyepiece cup	Detachable type

DISPLAY

Data panel	Exposure-bracketing indicator, exposure-mode indicators, shutter-speed/ISO display, aperture/exposure-compensation display, subject-program indicators, subject-program icons, frame counter/Multiple-exposure/Custom-function setting display, film-transport signals, cartridge mark, date indicator, AF-mode indicators, drive-mode indicators, manual-focus indicator, red-eye reduction indicator, flash-mode indicators, high-speed sync indicator, wireless/remote flash indicator, multiple-exposure indicator (portrait, landscape, close-up, sports action, and night portrait), Self-timer indicator
Viewfinder	Inside the image area: Wide focus frame, spot focus area, spot metering area, local focus areas
	Outside the image area: Wireless/Remote flash indicator, shutter-speed/ISO display, exposure-compensation indicator, aperture/exposure-compensation display, meter index, spot-AE lock indicator, focus signals, focus-area indicators, flash indicator, high-speed sync indicator

FLASH

Built-in flash	Built-in, auto pop-up type
Guide No.	12
Flash coverage	28mm angle of view
Recycling time	Approx. 4s (according to Minolta test methods)
	Power is automatically turned off with dedicated flash unit
Modes	Fill flash/flash cancel/red-eye reduction (pre-flash)
P mode / subject program selection modes	Automatic pop-up, autoflash (fill flash/ flash cancel selectable)
A/S/M mode	Fill flash with flash up, flash cancel with flash down
Red-eye reduction	Selectable
Wireless/remote off-camera flash	-Synchronizes with camera at shutter speeds 1/45 s or slower
	-Ratio control: Synchronizes with camera at shutter speeds 1/45 s or slower
	-Wireless/remote high-speed sync: 1/125 s or faster
High-speed sync	1/125 s or faster (Available with 5600HS(D) and 3600HS(D))

FORMAT SELECTION (-090, -095 only)

Type	Mid-roll switchover is available by panorama lever; Date imprinting position changes accordingly.

AUTO ZOOM (with AF Zoom xi Lenses)

	Automatic and compact

BATTERY PERFORMANCE

Condition	Using 24-exposure film, Fresh batteries, AF zoom 28-80mm f/3.5-5.6

CODE

4(2163)A

Exposure taken at a rate of 2 rolls/month

Tested Operation

Lens is focused from infinity to 2m, 3 times, shutter-release button is held partway down for 10 s before each exposure. Other basic photographic procedures are performed. (Minolta's standard test method.)

Performance

Flash use	20 deg. C	-10 deg. C
None	approx.30	approx. 24 rolls
50%	approx. 14	approx. 11 rolls
100%	approx. 9	approx. 7 rolls

OTHER

Remote-control terminal	Yes
IR remote-control receiver	-296, -495, -695 models only
Depth-of-field preview	Yes (Aperture is not changeable during depth-of-field preview)
Custom functions	14 items

MATERIAL

Housing	Plastic (metallic silver), plastic (black)
Lens mount	Oil-retaining stainless-steel

BATTERY

Type	3V CR2 lithium battery cell x 2
Battery-condition indicator	3-stage battery-condition indicator shows remaining battery power when main switch is moved to ON.

DIMENSIONS

Size	127(W) x 87(H) x 60.5 (D)
Weight	335g (w/o battery)

INDEX

PART NO.	PAGE	PART NO.	PAGE	PART NO.	PAGE
2163-0105	10	2163-0442	3	2163-1028	10
2163-0106	1	2163-0446	2	2163-1029	10
2163-0110	14	2163-0452	3	2163-1033	10
2163-0111	14	2163-0462	2	2163-1034	10
2163-0121	13	2163-0500	6, 7, 8, 9	2163-1035	10
2163-0122	20	2163-0502	1	2163-1036	10
2163-0125	13	2163-0504	9	2163-1037	10
2163-0134	1	2163-0506	6	2163-1038	10
2163-0135	11, 12	2163-0513	9	2163-1039	10
2163-0136	18, 19	2163-0515	8	~~2163-1040~~	10
2163-0141	3	2163-0524	8	2163-1042	2
2163-0143	13	2163-0540	8	2163-1043	10
2077-0145	12	2163-0541	8	2163-1047	14
2163-0151	7	2163-0554	9	2163-1051	5
2163-0162	11	2163-0584	6	2162-1053	5
2163-0163	11			2005-1062	2
2163-0166	11	2163-1002	2	2075-1062	2
2163-0167	18	2163-1003	1	2005-1063	2
2163-0170	12	2163-1004	1	2163-1064	14
2163-0176	9	2163-1007	2	2163-1065	3
2163-0181	9	2163-1008	2	2163-1066	5
2163-0211	5	2163-1009	5	2163-1067	3
2163-0212	5	2163-1010	5	2163-1068	3
2163-0230	5	2092-1011	7	2163-1069	3
2163-0250	8	2163-1011	5	2163-1071	3
2163-0251	7	2163-1012	5	2163-1105	14
2163-0268	8	2092-1014	7	2163-1108	14
2163-0300	1	2163-1014	3	~~2163-1109~~	1
2163-0311	1	2092-1015	7	2163-1110	14
2163-0312	5	2163-1015	5	2092-1111	14
2163-0356	5	2092-1016	7	2163-1111	14
2163-0357	5	2092-1017	7	2163-1112	14
2163-0358	5	2163-1017	2	2163-1113	14
2163-0402	6	2092-1018	7	2163-1115	14
2163-0406	8	2092-1019	7	2163-1116	14
2163-0408	2	~~2163-1019~~	2	2163-1123	1
2163-0410	5	~~2163-1020~~	2	2163-1124	13
2163-0416	5	2163-1021	10	2163-1126	13
2163-0418	2	2163-1022	10	2163-1127	1
2163-0419	2	2163-1023	10	2163-1128	13
2163-0420	6	2163-1024	14	2163-1129	13
~~2163-0440~~	2	2163-1025	10	2163-1130	14
2163-0441	1, 3	2163-1026	10	2163-1131	11
		2163-1027	10	2163-1132	18

PARTS LIST

INDEX

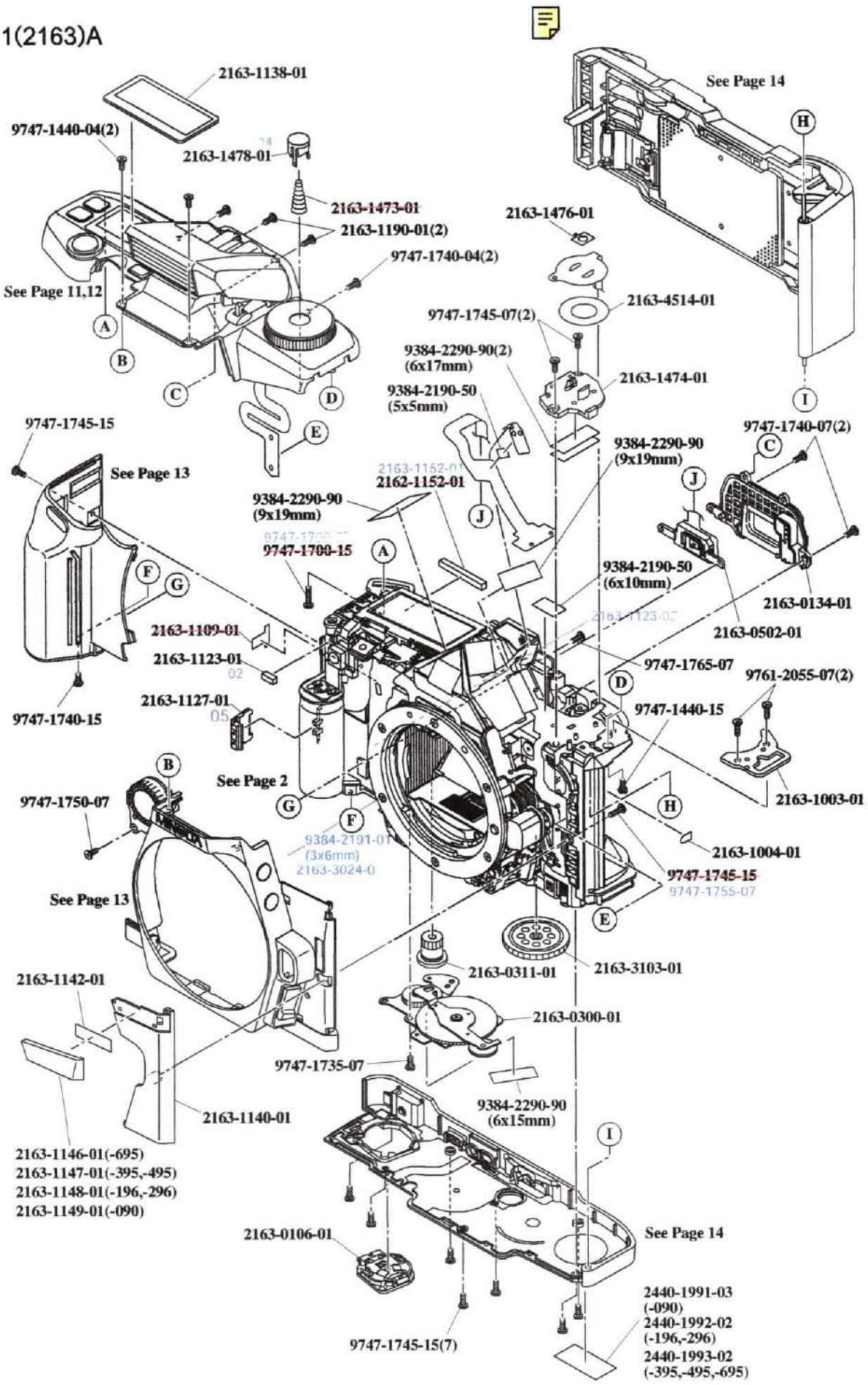
PART NO.	PAGE	PART NO.	PAGE	PART NO.	PAGE
2163-1138	1	2163-1476	1	2163-1701	9
2163-1139	11	2163-1477	12	2163-1702	9
2163-1140	1	2163-1478	1	2163-1703	9
2163-1142	1	2163-1479	12	2163-1707	9
2163-1146	1	2163-1480	13	2440-1991	1
2163-1147	1	2163-1481	13	2440-1992	1
2163-1148	1	~~2163-1482~~	13	2440-1993	1
2163-1149	1	2163-1485	13	2153-2004	4
2162-1152	~~1~~, 5, 10	2163-1486	13	2163-2514	8
2163-1152	1	2162-1487	12	2163-2515	8
2163-1190	1	2163-1487	17	2163-2516	8
2163-1192	17	2163-1493	14	2163-2518	8
2163-1402	11	2163-1494	14	2163-2519	8
2463-1402	11	2163-1495	14	2163-2520	8
2163-1403	11	2163-1496	14	2163-2522	8
2163-1404	11	2163-1501	7	2163-2533	7
2163-1405	11	2163-1502	7	2163-2534	7
2163-1406	11	2163-1503	7	2163-2608	7
2163-1407	11	2163-1504	7	2072-2623	7
2163-1408	11	2163-1505	7		
2163-1414	2	2163-1506	7	2163-3010	3
2163-1415	18	2163-1507	7	2163-3020	5
2163-1416	18	2163-1508	7	2163-3021	3
2163-1417	18	2163-1509	7	2163-3024	1
2089-1422	14	2163-1510	7	2163-3057	5
2163-1427	13	2163-1511	7	2163-3103	1
2163-1429	13	2163-1512	4	2163-3106	5
2163-1444	11	2163-1513	7		
2163-1445	11	2163-1514	7	2163-4003	5
2163-1446	11	2163-1516	7	2163-4008	12
2163-1447	18	2163-1521	7	2163-4011	6
2163-1461	13	2163-1522	7	2163-4013	3
2163-1462	13	2163-1603	11	2163-4014	2
2163-1465	13	2163-1604	11	2163-4019	2
2163-1466	13	2089-1605	11	2163-4043	13
2163-1467	13	~~2163-1605~~	11	2163-4201	2
2163-1469	20	2163-1607	11	2163-4202	2
2163-1470	12	2163-1612	12	2163-4206	6
2163-1471	12	2163-1613	12	2163-4341	11
2163-1472	12	2084-1622	3	2163-4352	11
~~2163-1473~~	1	2163-1625	12	2163-4371	2
2163-1474	1	2163-1636	11	2163-4401	15
2163-1475	12	2163-1637	12	2163-4402	15
				2163-4403	15

INDEX

PART NO.	PAGE
2163-4404	15
2163-4405	15
2163-4501	2
2163-4502	2
2163-4511	2
2163-4513	6
2163-4514	1
2163-4515	5
2163-4523	2
2163-5011	6
2163-5012	6
2163-5013	6
2163-5014	6
2163-5016	6
2163-5025	6
2163-5026	6
2163-5027	6
2163-5028	6
2163-5030	6
2163-5031	6
2089-5051	6
2089-5052	6
2082-5054	6
2163-5105	9
2163-5107	8
2163-5108	9
2163-5109	6
2163-5112	9
2163-5118	8
2163-5121	8
2163-5127	8
2163-5128	8
2163-5133	9
2163-5134	8
2163-5142	8
2163-5148	8
2163-5154	9
2163-5155	9
2163-5805	6
2163-5806	9
2163-5811	6
2163-5820	6
2163-5831	6
2212-9102	5, 13
2218-9106	6
2423-9109	13
9332-1261-01	6
9332-1862-01	2
9372-3960-02	5
9384-2190-50	1, 2, 6, 7, 8, 11, 12
9384-2191-01	1
9384-2290-90	1, 2, 3, 4, 5, 6, 8, 12
9384-2391-20	2
9384-2590-50	2
9384-2792-00	6
9391-0807-00	15
9391-0807-01	15
9391-0807-02	15
9391-0807-03	15
9391-0807-04	15
9391-0807-05	15
9391-0807-06	15
9391-0807-07	15
9391-0807-08	15
9391-0807-09	15
9391-1607-00	15
9391-1607-02	15
9391-1607-03	15
9721-0120-50	14
9747-1425-07	8
9747-1430-07	7, 8
9747-1435-01	11
9747-1440-04	1
9747-1440-15	1
9747-1700-07	1
9747-1700-15	1
9747-1725-07	14
9747-1730-01	12
9747-1730-07	8, 10
9747-1735-07	1, 3, 6, 8, 9, 13
9747-1735-15	11
9747-1740-04	1
9747-1740-07	1, 3, 5, 8, 10, 12, 13
9747-1740-15	1, 5
9747-1745-07	1, 2, 3, 6, 7, 8
9747-1745-15	1
9747-1750-01	3
9747-1750-07	1
9747-1750-15	3, 11
9747-1755-07	1, 2, 10
9747-1760-07	2
9747-1765-07	1
9747-1775-15	8
9748-1725-07	14
9749-1730-07	3, 10
9749-2045-01	3
9749-2050-07	3, 4
9758-0150-00	12, 13
9761-2050-01	4
9761-2055-01	12
9761-2055-04	7
9761-2055-07	1, 2
9761-2060-01	2
9761-2080-07	4
9762-1435-07	7

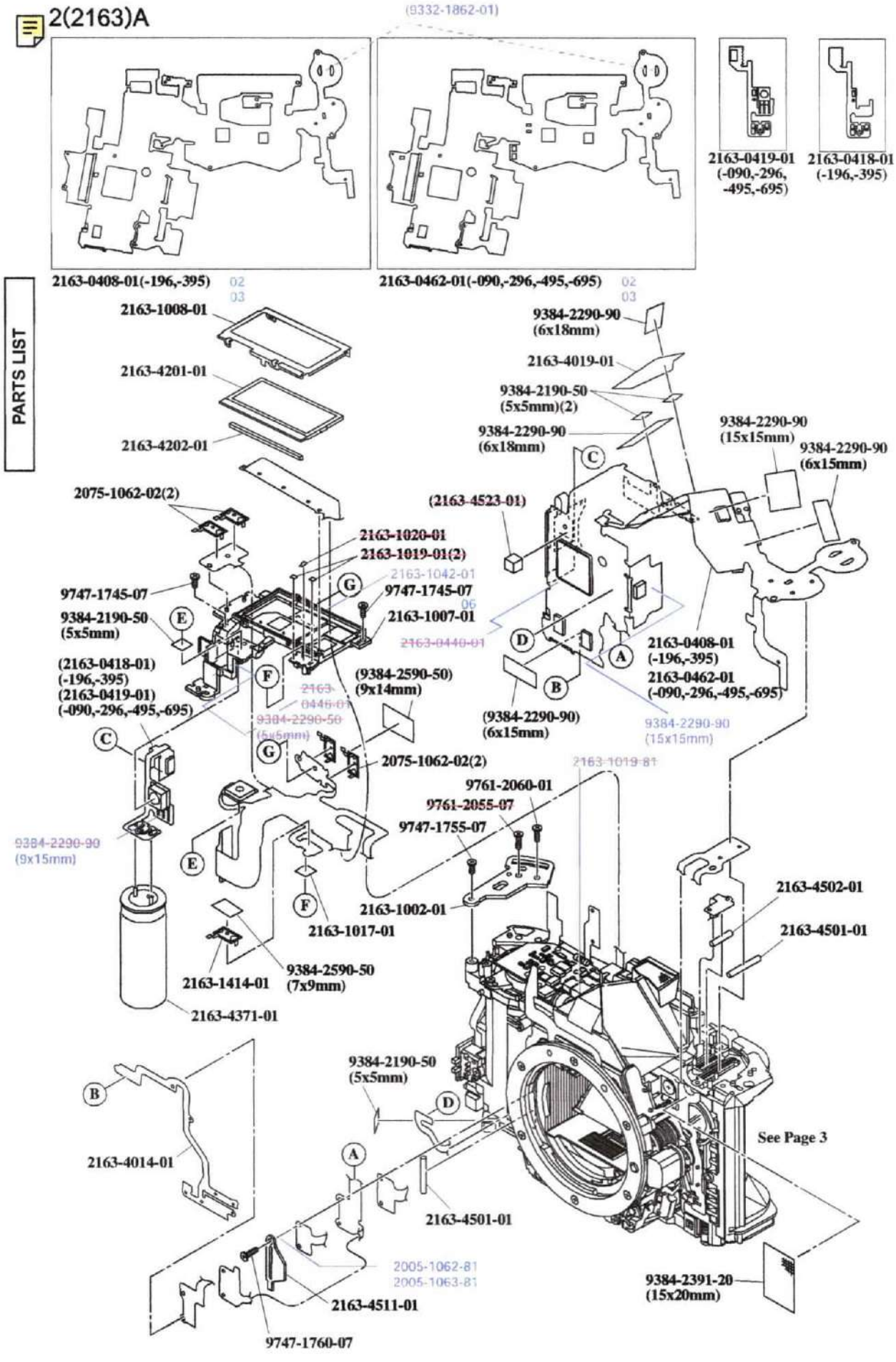
PARTS LIST

PARTS LIST


2163-1138-01
9747-1440-04(2)
2163-1478-01
2163-1473-01
2163-1190-01(2)
9747-1740-04(2)
See Page 11,12
A
B
C
D
E
See Page 14
H
I
2163-1476-01
2163-4514-01
9747-1745-07(2)
9384-2290-90(2)
(6x17mm)
2163-1474-01
9384-2190-50
(5x5mm)
9747-1745-15
See Page 13
9747-1740-07(2)
J
9384-2290-90
(9x19mm)
2162-1152-01
9384-2290-90
(9x19mm)
9747-1700-15
F
G
9384-2190-50
(6x10mm)
2163-0134-01
2163-0502-01
2163-1109-01
2163-1123-01
9747-1765-07
9761-2055-07(2)
2163-1127-01
9747-1740-15
9747-1440-15
See Page 2
2163-1003-01
9747-1750-07
9384-2191-01
(3x6mm)
2163-3024-0
2163-1004-01
9747-1745-15
9747-1755-07
See Page 13
2163-0311-01
2163-3103-01
2163-1142-01
2163-0300-01
9747-1735-07
9384-2290-90
(6x15mm)
2163-1140-01
2163-1146-01(-695)
2163-1147-01(-395,-495)
2163-1148-01(-196,-296)
2163-1149-01(-090)
2163-0106-01
See Page 14
2440-1991-03
(-090)
2440-1992-02
(-196,-296)
2440-1993-02
(-395,-495,-695)
9747-1745-15(7)

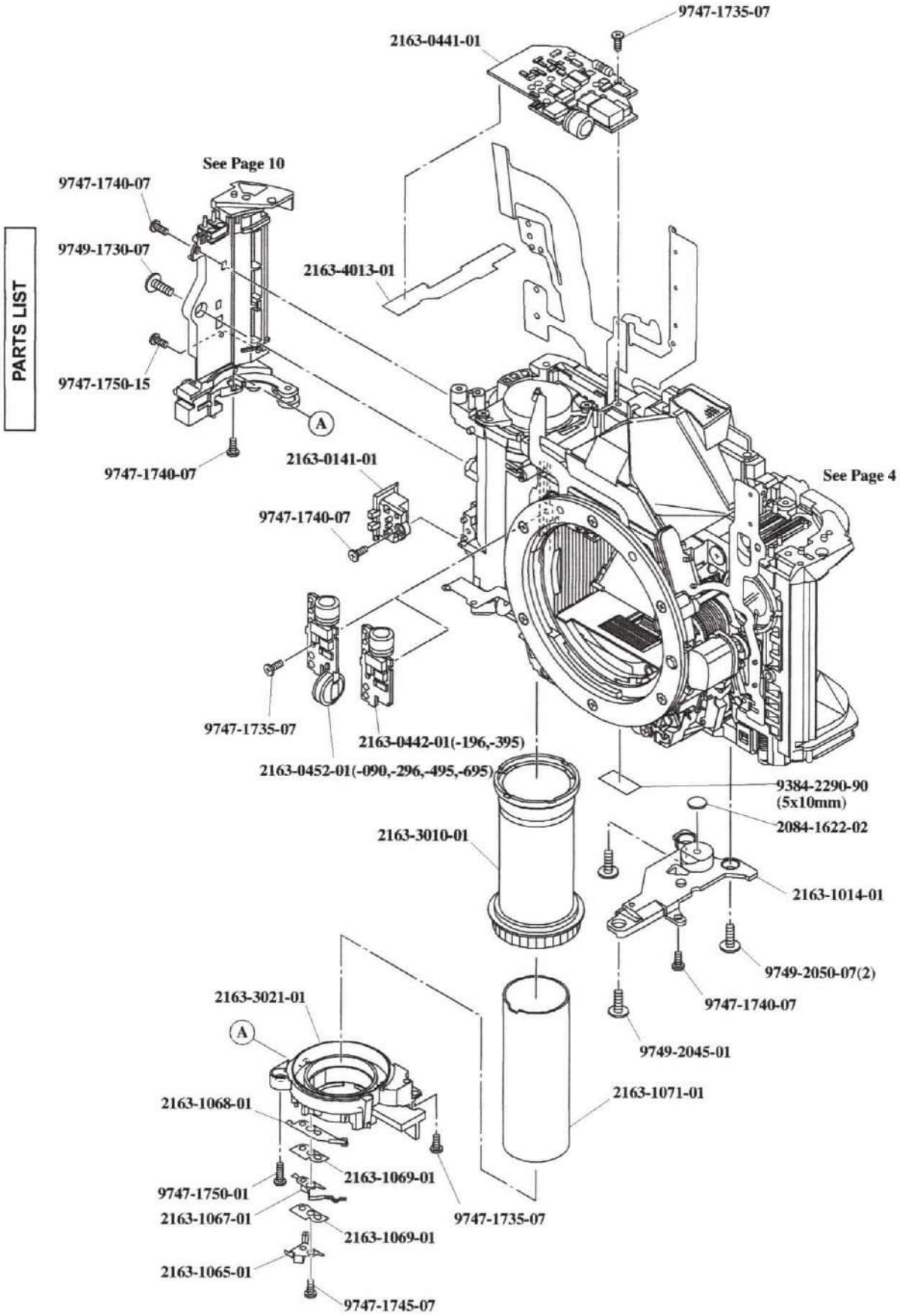
PART NO	PART NAME		QTY.
2163-0106-01	BATTRY COVER ASSY	電池蓋セット	1
2163-0134-01	EYEPIECE FRAME ASSY	接眼枠セット	1
2163-0300-01	WINDING BASEPLATE ASSY	巻上げ台板セット	1
2163-0311-01	SPOOL GEAR ASSY	スプールギヤセット	1
2163-0502-01	SPC1 HOLDER ASSY	ＳＰＣ１ホルダーセット	1
2163-1003-01	STRAP EYELET (L)	吊環（Ｌ）	1
2163-1004-01	BODY SHEET	ボディシート	1
~~2163-1109-01~~	BACK COVER TAPE	裏蓋テープ	1
2163-1123-01	REMOTE WINDOW SPONGE	リモート窓スポンジ	1
2163-1123-02	REMOTE WINDOW SPONGE	リモート窓スポンジ	1
*2163-1127-01	REMOTE TERMINAL CAP	リモートターミナルキャップ	1
2163-1127-05	REMOTE TERMINAL CAP	リモートターミナルキャップ	1
2163-1138-01	LCD WINDOW	ＬＣＤ窓	1
2163-1140-01	FRONT SIDE COVER	前面カバー	1
2163-1142-01	VERSION TAPE	銘板テープ	1
2163-1146-01	VERSION NAME PLATE (ALPHA SWEET) (-695)	銘板（α-ＳＷＥＥＴ）	1
2163-1147-01	VERSION NAME PLATE (MAXXUM) (-395, -495)	銘板（ＭＡＸＸＵＭ）	
2163-1148-01	VERSION NAME PLATE (DYNAX) (-196, -296)	銘板（ＤＹＮＡＸ）	
2163-1149-01	VERSION NAME PLATE (ALPHA 5) (-090)	銘板（α-５）	
~~2162-1152-01~~	BACK TERMINAL DUSTPROOF SHEET	バック端子防塵シート	1
2163-1152-01	BACK TERMINAL DUSTPROOF SHEET	バック端子防塵シート	1
2163-1190-01	SCREW	ねじ	2
~~2163-1473-01~~	FUNCTION DIAL SP	ファンクションダイヤルＳＰ	1
2163-1474-01	FUNCTION DIAL BASEPLATE	ファンクションダイヤル台板	1
2163-1476-01	DIAL SP SPACER	ダイヤルＳＰスペーサー	1
*2163-1478-01	FUNCTION BUTTON	ファンクション釦	1
2163-1478-04	FUNCTION BUTTON	ファンクション釦	1
2440-1991-03	SERIAL NUMBER PLATE (JAPAN) (-090)	ボディＮＯ．プレート	1
2440-1992-02	SERIAL NUMBER PLATE (OSAKA JAPAN) (-196, -296)	ボディＮＯ．プレート	
2440-1993-02	SERIAL NUMBER PLATE (MALAYSIA) (-395, -495, -695)	ボディＮＯ．プレート	
2163-3024-01	GROUND PLATE	アース板	1
2163-3103-01	REWIND GEAR	巻戻しギヤ	1
2163-4514-01	FUNCTION DIAL TAPE	ファンクションダイヤルテープ	1
9384-2190-50	DOUBLE-FACED TAPE (PER ROLL)	両面テープ	2
9384-2191-01	DOUBLE-FACED TAPE (PER ROLL)	両面テープ	1
9384-2290-90	POLYESTER TAPE (PER ROLL/60M) YELLOW	ポリエステルテープ	5
9747-1440-04	SCREW	ねじ	2
9747-1440-15	SCREW	ねじ	1
9747-1700-07	SCREW	ねじ	1
~~9747-1700-15~~	SCREW	ねじ	1
9747-1735-07	SCREW	ねじ	1
9747-1740-04	SCREW	ねじ	2
9747-1740-07	SCREW	ねじ	2
9747-1740-15	SCREW	ねじ	1
9747-1745-07	SCREW	ねじ	2
9747-1745-15	SCREW	ねじ	~~9~~ 8
9747-1750-07	SCREW	ねじ	1
9747-1755-07	SCREW	ねじ	1
9747-1765-07	SCREW	ねじ	1
9761-2055-07	SCREW	ねじ	2

PARTS LIST


(9332-1862-01)
2163-0419-01 (-090,-296, -495,-695)
2163-0418-01 (-196,-395)
2163-0408-01(-196,-395) 02 03
2163-0462-01(-090,-296,-495,-695) 02 03
2163-1008-01
2163-4201-01
2163-4202-01
2075-1062-02(2)
2163-1020-01
2163-1019-01(2)
2163-1042-01
9747-1745-07
9384-2190-50 (5x5mm)
2163-1007-01 06
2163-0440-01
(2163-0418-01) (-196,-395) (2163-0419-01) (-090,-296,-495,-695)
(9384-2590-50) (9x14mm)
2163-0446-01
9384-2290-50 (5x5mm)
2075-1062-02(2)
9384-2290-90 (9x15mm)
2163-4371-01
2163-1414-01
9384-2590-50 (7x9mm)
2163-1017-01
2163-1002-01
9761-2060-01
9761-2055-07
9747-1755-07
2163-1019-81
9384-2290-90 (6x18mm)
2163-4019-01
9384-2190-50 (5x5mm)(2)
9384-2290-90 (6x18mm)
9384-2290-90 (15x15mm)
9384-2290-90 (6x15mm)
(2163-4523-01)
2163-0408-01 (-196,-395)
2163-0462-01 (-090,-296,-495,-695)
(9384-2290-90) (6x15mm)
9384-2290-90 (15x15mm)
2163-4502-01
2163-4501-01
9384-2190-50 (5x5mm)
2163-4014-01
2163-4501-01
2005-1062-81
2005-1063-81
2163-4511-01
9747-1760-07
9384-2391-20 (15x20mm)
See Page 3

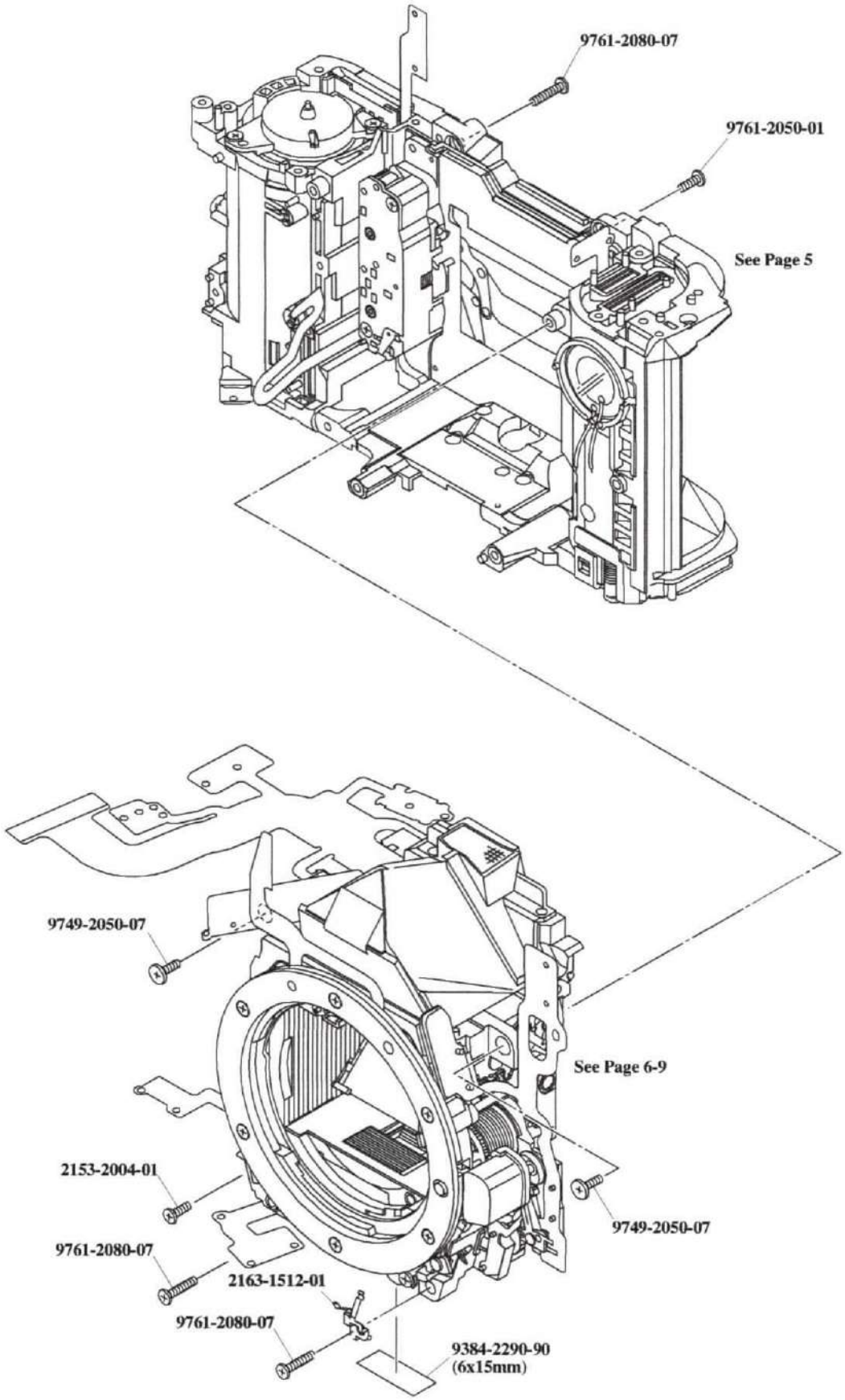
PART NO	PART NAME		QTY.
*2163-0408-01	FPC-A ASSY (-196, -395)	Aフレキセット	1
*2163-0408-02	FPC-A ASSY (-196, -395)	Aフレキセット	
2163-0408-03	FPC-A ASSY (-196, -395)	Aフレキセット	
*2163-0462-01	FPC-A ASSY (-090, -296, -495, -695)	Aフレキセット	
*2163-0462-02	FPC-A ASSY (-090, -296, -495, -695)	Aフレキセット	
2163-0462-03	FPC-A ASSY (-090, -296, -495, -695)	Aフレキセット	
(2163-0418-01)	FPC-REMOTE ASSY (-196, -395)	リモートフレキセット	1
(2163-0419-01)	FPC-REMOTE ASSY (-090, -296, -495, -695)	リモートフレキセット	
(2163-4014-01)	FPC-SW	SWフレキ	1
(2163-4523-01)	REMOTE SENSOR SPONGE	リモートセンサースポンジ	1
(9332-1862-01)	SW	SW	1
(9384-2290-90)	POLYESTER TAPE (PER ROLL/60M) YELLOW	ポリエステルテープ	1
~~2163-0440-01~~	SUPPORT PCB-1 ASSY (-090, -296, -495, -695)	補助基板-1セット	1
~~2163-0446-01~~	SUPPORT PCB-3 ASSY	補助基板-3セット	1
2163-1002-01	STRAP EYELET (R)	吊環（R）	1
*2163-1007-01	LCD HOLDER	LCDホルダー	1
2163-1007-06	LCD HOLDER	LCDホルダー	1
2163-1008-01	LCD1 PRESSURE	LCD1押え	1
2163-1017-01	DOUBLE-FACED TAPE (PER ROLL)	両面テープ	1
*2163-1019-01	P BUTTON SHEET	P釦シート	2
~~2163-1019-81~~	P BUTTON SHEET	P釦シート	~~2~~ 1
~~2163-1020-01~~	P BUTTON SHEET-1	P釦シート1	1
2163-1042-01	AF BUTTON TAPE	AF釦テープ	1
2005-1062-81	ADJUSTMENT WASHER-B (T=0.05)	調整ワッシャB	1
2075-1062-02	OVER RIDE CONTACT	オーバーライド接片	4
2005-1063-81	ADJUSTMENT WASHER-C (T=0.1)	調整ワッシャC	1
2163-1414-01	P RESET BUTTON CLICK CONTACT	P釦クリック接片	1
2163-4019-01	FPC-CONNECT-1	中継フレキ1	1
2163-4201-01	LCD1	LCD1	1
2163-4202-01	LCD1 CONNECTOR	LCD1コネクター	1
2163-4371-01	C157	C157	1
2163-4501-01	CONNECTOR RUBBER-A	圧接ゴムA	2
2163-4502-01	CONNECTOR RUBBER-B	圧接ゴムB	1
2163-4511-01	CONNECTOR PLATE	圧接板	1
*9384-2190-50	DOUBLE-FACED TAPE (PER ROLL)	両面テープ	~~3~~ ~~4~~ 3
*9384-2290-90	POLYESTER TAPE (PER ROLL/60M) YELLOW	ポリエステルテープ	~~4~~ ~~6~~ 5
9384-2391-20	ACETATE TAPE (PER ROLL)	アセテートクロステープ	1
9384-2590-50	MENDING TAPE (1R/50M)	メンディングテープ	2
9747-1745-07	SCREW	ねじ	2
9747-1755-07	SCREW	ねじ	1
9747-1760-07	SCREW	ねじ	1
~~9761-2055-07~~	SCREW	ねじ	1
9761-2060-01	SCREW	ねじ	1

PARTS LIST


9747-1735-07
2163-0441-01
See Page 10
9747-1740-07
9749-1730-07
2163-4013-01
9747-1750-15
A
9747-1740-07
2163-0141-01
See Page 4
9747-1740-07
9747-1735-07
2163-0442-01(-196,-395)
2163-0452-01(-090,-296,-495,-695)
9384-2290-90
(5x10mm)
2084-1622-02
2163-3010-01
2163-1014-01
9749-2050-07(2)
9747-1740-07
9749-2045-01
2163-3021-01
A
2163-1071-01
2163-1068-01
2163-1069-01
9747-1750-01
2163-1067-01
9747-1735-07
2163-1069-01
2163-1065-01
9747-1745-07

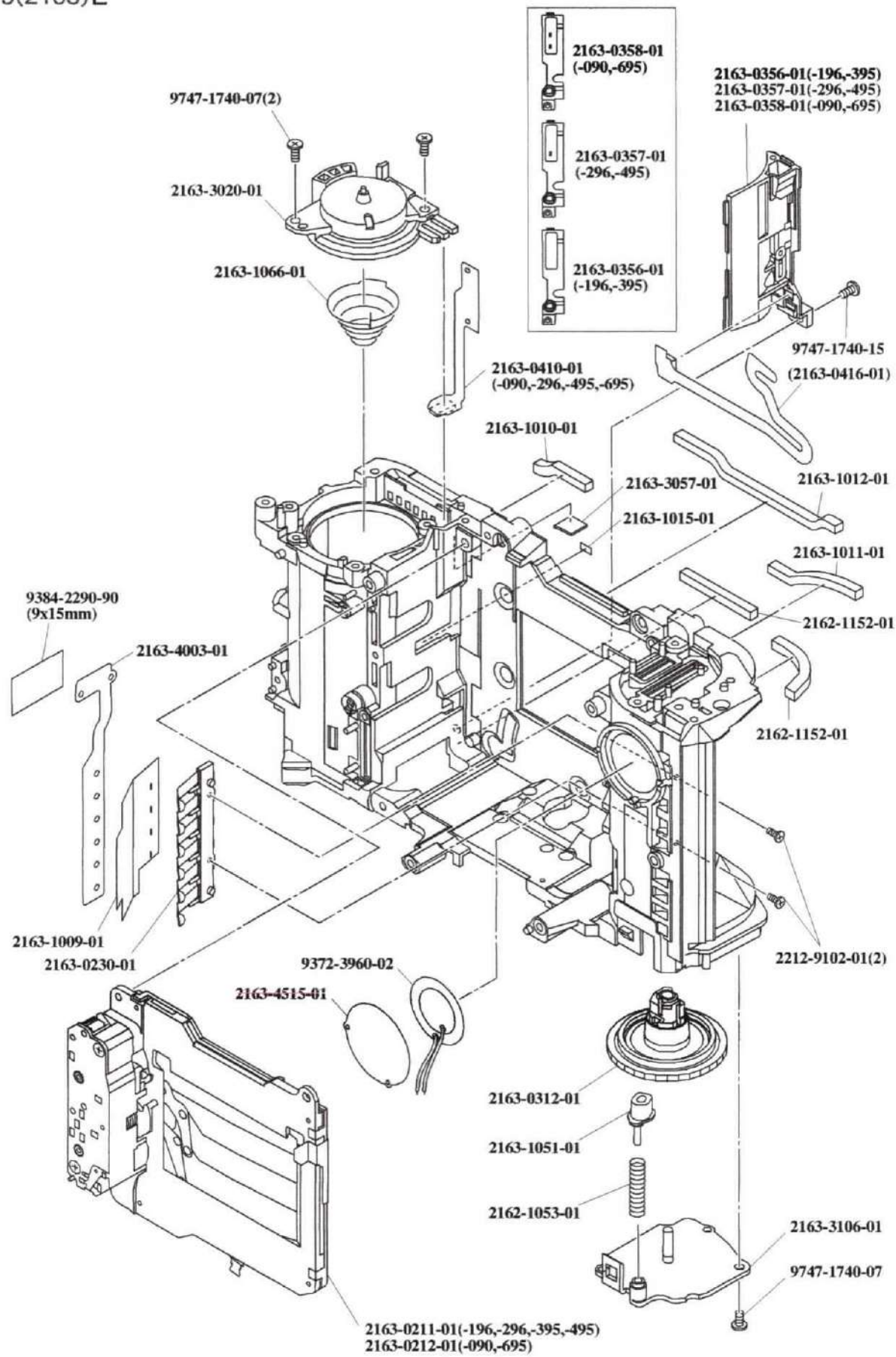
PART NO	PART NAME		QTY.
2163-0141-01	REMOTE-RELEASE ASSY	リモートホルダーセット	1
2163-0441-01	FLASH CONVERTER PCB-A ASSY	フラッシュコンバーター基板Aセット	1
2163-0442-01	FLASH CONVERTER PCB-B ASSY (-196, -395)	フラッシュコンバーター基板Bセット	1
2163-0452-01	FLASH CONVERTER PCB-B ASSY (-090, -296, -495, -695)	フラッシュコンバーター基板Bセット	
2163-1014-01	TRIPOD BASE PLATE	三脚台板	1
2163-1065-01	BATTERY CONTACT-A (+)	電池接片A （+）	1
2163-1067-01	BATTERY DETECT CONTACT-A	電池検知接片A	1
2163-1068-01	BATTERY DETECT CONTACT-B	電池検知接片B	1
2163-1069-01	BATTERY DETECT CONTACT SPACER	電池検知接片間隔板	2
2163-1071-01	BATTERY CHAMBER BARREL	電池室内筒	1
2084-1622-02	COVER PLATE-A	F飾り板A	1
2163-3010-01	SPOOL	スプール	1
2163-3021-01	SPOOL BOTTOM PLATE	スプール台板下	1
2163-4013-01	FPC-CONVERTER	コンバーターフレキ	1
9384-2290-90	POLYESTER TAPE (PER ROLL/60M) YELLOW	ポリエステルテープ	1
9747-1735-07	SCREW	ねじ	3
9747-1740-07	SCREW	ねじ	4
9747-1745-07	SCREW	ねじ	1
9747-1750-01	SCREW	ねじ	1
9747-1750-15	SCREW	ねじ	1
9749-1730-07	SCREW	ねじ	1
9749-2045-01	SCREW	ねじ	1
9749-2050-07	SCREW	ねじ	2

PARTS LIST


9761-2080-07
9761-2050-01
See Page 5
9749-2050-07
See Page 6-9
2153-2004-01
9749-2050-07
9761-2080-07
2163-1512-01
9761-2080-07
9384-2290-90
(6x15mm)

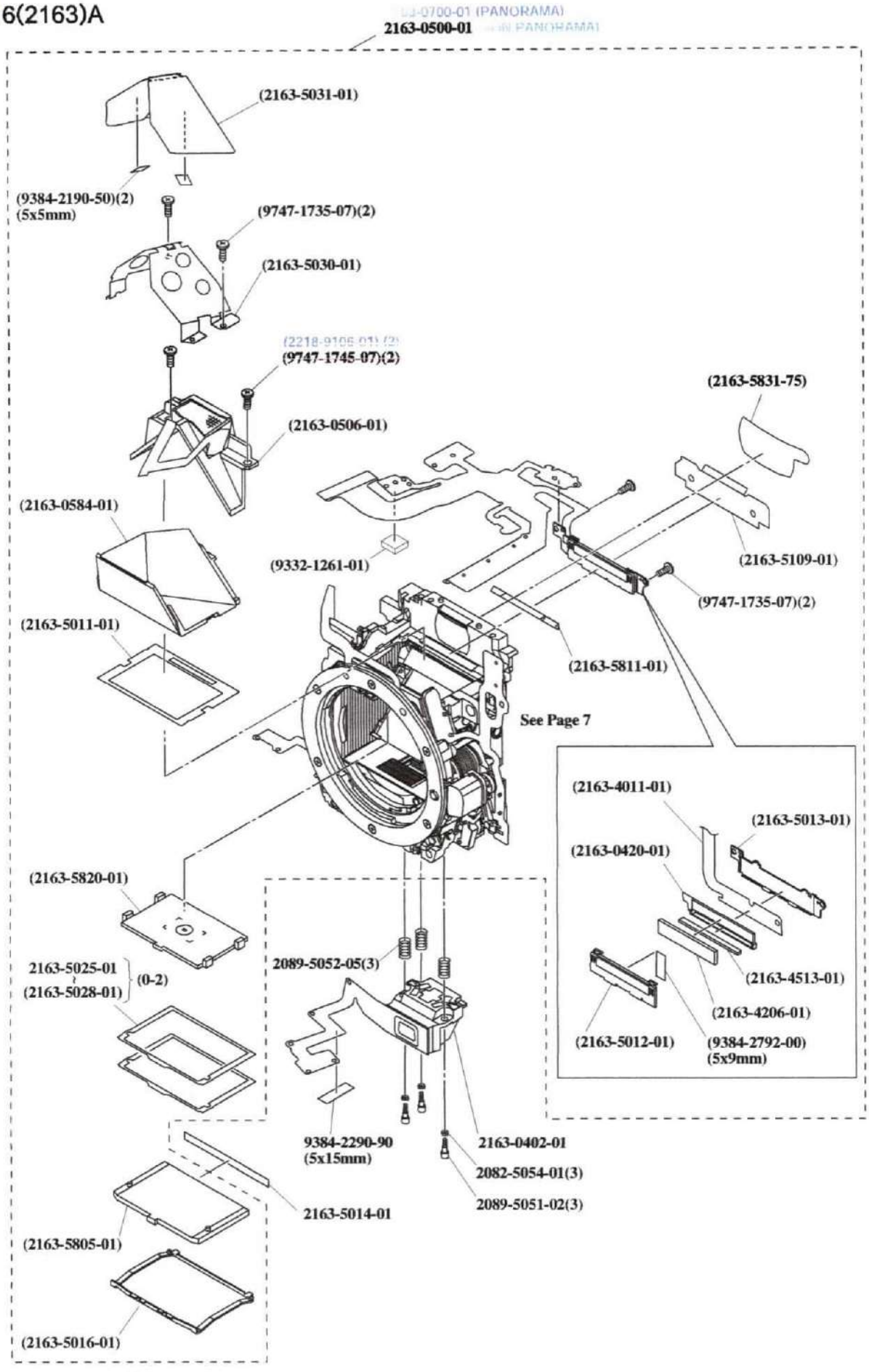
PART NO	PART NAME		QTY.
2163-1512-01	SAF/M DETECT CONTACT-B	ＳＡＦ／M接片Ｂ	1
2153-2004-01	SCREW	ねじ	1
9384-2290-90	POLYESTER TAPE (PER ROLL/60M) YELLOW	ポリエステルテープ	1
9749-2050-07	SCREW	ねじ	2
9761-2050-01	SCREW	ねじ	1
9761-2080-07	SCREW	ねじ	3

PARTS LIST


2163-0358-01
(-090,-695)
2163-0357-01
(-296,-495)
2163-0356-01
(-196,-395)
2163-0356-01(-196,-395)
2163-0357-01(-296,-495)
2163-0358-01(-090,-695)
9747-1740-07(2)
2163-3020-01
2163-1066-01
9747-1740-15
(2163-0416-01)
2163-0410-01
(-090,-296,-495,-695)
2163-1010-01
2163-3057-01
2163-1012-01
2163-1015-01
2163-1011-01
9384-2290-90
(9x15mm)
2163-4003-01
2162-1152-01
2162-1152-01
2163-1009-01
2163-0230-01
2212-9102-01(2)
9372-3960-02
2163-4515-01
2163-0312-01
2163-1051-01
2162-1053-01
2163-3106-01
9747-1740-07
2163-0211-01(-196,-296,-395,-495)
2163-0212-01(-090,-695)

PART NO	PART NAME		QTY.
2163-0211-01	SHUTTER ASSY (-196, -296, -395, -495)	シャッターセット	1
2163-0212-01	SHUTTER ASSY (-090, -695)	シャッターセット	
2163-0230-01	DX CONTACT ASSY	ＣＡＳ接片セット	1
2163-0312-01	FORK GEAR ASSY	フォークギヤセット	1
2163-0356-01	FILM GUIDE ASSY (-196, -395)	フィルムガイドセット	1
2163-0357-01	FILM GUIDE ASSY (-296, -495)	フィルムガイドセット	
2163-0358-01	FILM GUIDE ASSY (-090, -695)	フィルムガイドセット	
(2163-0416-01)	FPC-SSP ASSY	ＳＳＰフレキセット	1
2163-0410-01	FPC-DATE ASSY (-090, -296, -495, -695)	デートフレキセット	1
2163-1009-01	CAS LIGHT SHIELD SHEET	ＣＡＳ遮光シート	1
2163-1010-01	LIGHT SHIELD SPONGE-C	遮光スポンジＣ	1
2163-1011-01	LIGHT SHIELD SPONGE-B	遮光スポンジＢ	1
2163-1012-01	LIGHT SHIELD SPONGE-A	遮光スポンジＡ	1
2163-1015-01	FILM TIP INDEX	ローディング指標	1
2163-1051-01	FILM PUSH-UP PIN	パト押し上げピン	1
2162-1053-01	FILM PUSH-UP PIN SP	パト押し上げピンＳＰ	1
2163-1066-01	BATTERY CONTACT-B (-)	電池接片Ｂ（－）	1
2162-1152-01	BACK TERMINAL DUSTPROOF SHEET	バック端子防塵シート	2
2163-3020-01	SPOOL TOP PLATE	スプール台板上	1
2163-3057-01	WINDING SUPPORT SHEET	フィルム規制シート	1
2163-3106-01	REWIND BASE PLATE	巻戻し台板	1
2163-4003-01	**FPC-DX**	ＣＡＳフレキ	1
2163-4515-01	**BUZZER TAPE**	ブザー貼付けテープ	1
2212-9102-01	SCREW	ねじ	2
9372-3960-02	BUZZER	ブザー	1
9384-2290-90	POLYESTER TAPE (PER ROLL/60M) YELLOW	ポリエステルテープ	1
9747-1740-07	SCREW	ねじ	3
9747-1740-15	SCREW	ねじ	1

PARTS LIST

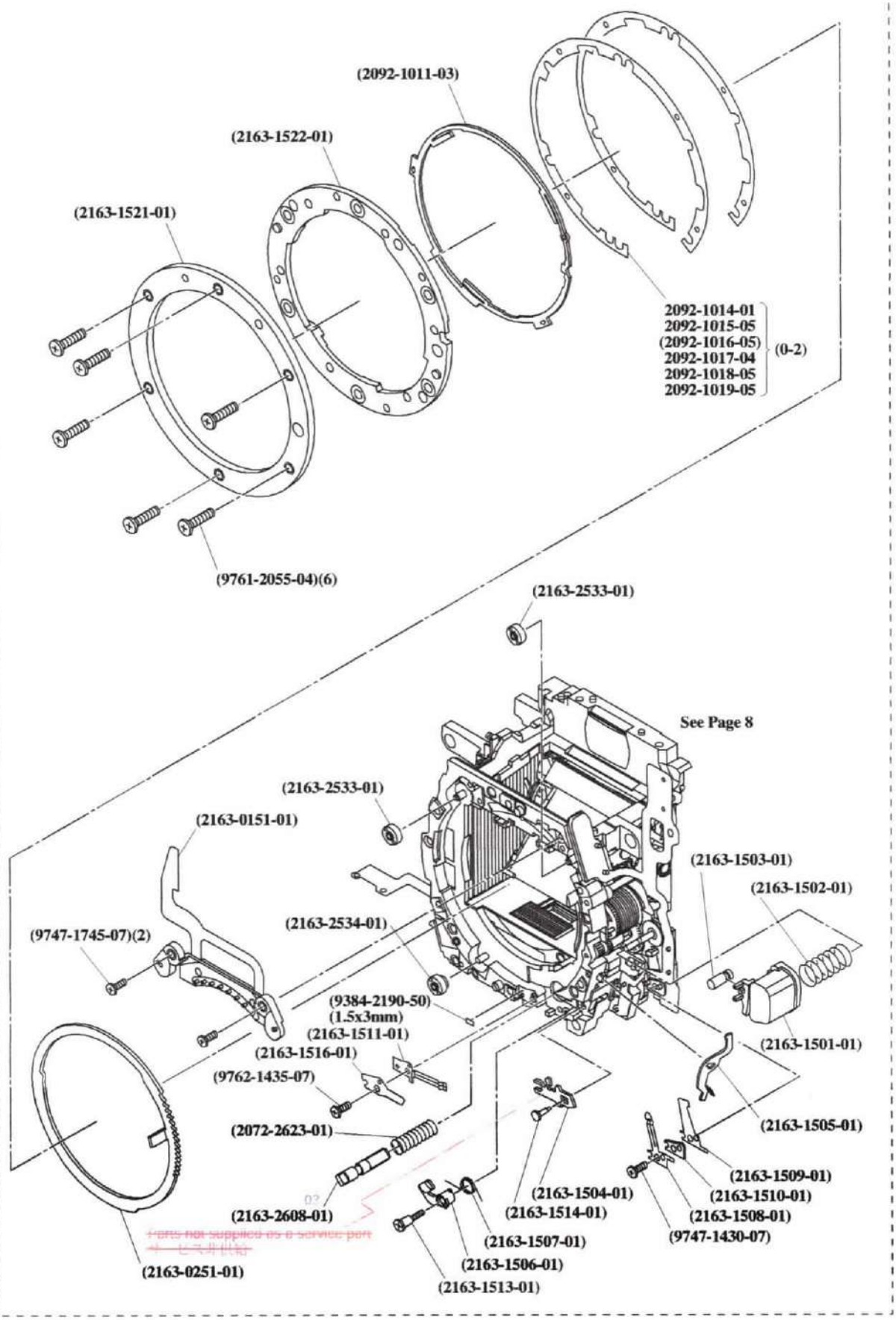

2163-0500-01
(2163-5031-01)
(9384-2190-50)(2)
(5x5mm)
(9747-1735-07)(2)
(2163-5030-01)
(9747-1745-07)(2)
(2163-0506-01)
(2163-0584-01)
(2163-5011-01)
(2163-5831-75)
(2163-5109-01)
(9747-1735-07)(2)
(9332-1261-01)
(2163-5811-01)
See Page 7
(2163-4011-01)
(2163-5013-01)
(2163-0420-01)
(2163-4513-01)
(2163-4206-01)
(2163-5012-01)
(9384-2792-00)
(5x9mm)
(2163-5820-01)
2163-5025-01
(2163-5028-01)
(0-2)
2089-5052-05(3)
9384-2290-90
(5x15mm)
2163-0402-01
2082-5054-01(3)
2089-5051-02(3)
2163-5014-01
(2163-5805-01)
(2163-5016-01)

PART NO	PART NAME		QTY.
2163-0500-01	MIRROR BOX ASSY	ミラーボックスセット	1
2163-0700-01	MIRROR BOX ASSY (PANORAMA)	ミラーボックスセット	1
(2163-0420-01)	**IF BACK LIGHT LED ASSY**	**ＩＦバックライトＬＥＤセット**	**1**
(2163-0506-01)	AF LED HOLDER ASSY	ＡＦ　ＬＥＤホルダーセット	1
(2163-0584-01)	PENTA-PRISM ASSY	ペンタプリズムセット	1
(2163-4011-01)	FPC-LCD	ＬＣＤフレキ	1
(2163-4206-01)	LCD2	ＬＣＤ２	1
(2163-4513-01)	LCD2 CONNECTOR	ＬＣＤ２コネクター	1
(2163-5011-01)	FINDER VIEW FRAME	視野枠	1
(2163-5012-01)	LCD2 PRESSURE	ＬＣＤ２押え	1
(2163-5013-01)	LCD2 HOLDER	ＬＣＤ２ホルダー	1
(2163-5016-01)	FOCUSING SCREEN SP	焦点板押えＳＰ	1
(2163-5028-01)	VB WASHER-D	ＶＢワッシャＤ	1
(2163-5030-01)	PENTA PRESSURE	ペンタ押え	1
(2163-5031-01)	PENTA INSULATION SHEET	ペンタ絶縁シート	1
(2163-5109-01)	MIRROR CURTAIN	ミラーカーテン	1
(2163-5805-01)	FOCUSING SCREEN	焦点板	1
(2163-5811-01)	IF PRISM	ＩＦプリズム	1
(2163-5820-01)	SI SCREEN	ＳＩスクリーン	1
(2163-5831-75)	**EYE-PIECE LENS PROTECT SHEET FOR 2163**	**２１６３用接眼レンズ保護シート**	**1**
(2218-9106-01)	SCREW	ねじ	2
(9332-1261-01)	**SWITCH**	**ＳＷ**	**1**
(9384-2190-50)	DOUBLE-FACED TAPE (PER ROLL)	両面テープ	2
(9384-2792-00)	FILM TAPE-A (PER ROLL/BLACK)	フィルムテープＡ	1
(9747-1735-07)	SCREW	ねじ	4
~~(9747-1745-07)~~	**SCREW**	**ねじ**	**2**

2163-0402-01	FPC-B ASSY	Ｂフレキセット	1
2163-5014-01	IF LIGHT SHIELD SHEET	ＩＦ遮光シート	1
2163-5025-01	VB WASHER-A (T=0.05)	ＶＢワッシャＡ	0-2
2163-5026-01	VB WASHER-B (T=0.1)	ＶＢワッシャＢ	
2163-5027-01	VB WASHER-C (T=0.15)	ＶＢワッシャＣ	
2163-5028-01	VB WASHER-D (T=0.2)	ＶＢワッシャＤ	
2089-5051-02	SCREW	ねじ	3
2089-5052-05	AF ADJUSTMENT SP	ＡＦ調整ＳＰ	3
2082-5054-01	WASHER	ワッシャ	3
9384-2290-90	POLYESTER TAPE (PER ROLL/60M) YELLOW	ポリエステルテープ	1

2163-0700-01 (PANORAMA)
2163-0500-01 (NON PANORAMA)

PARTS LIST

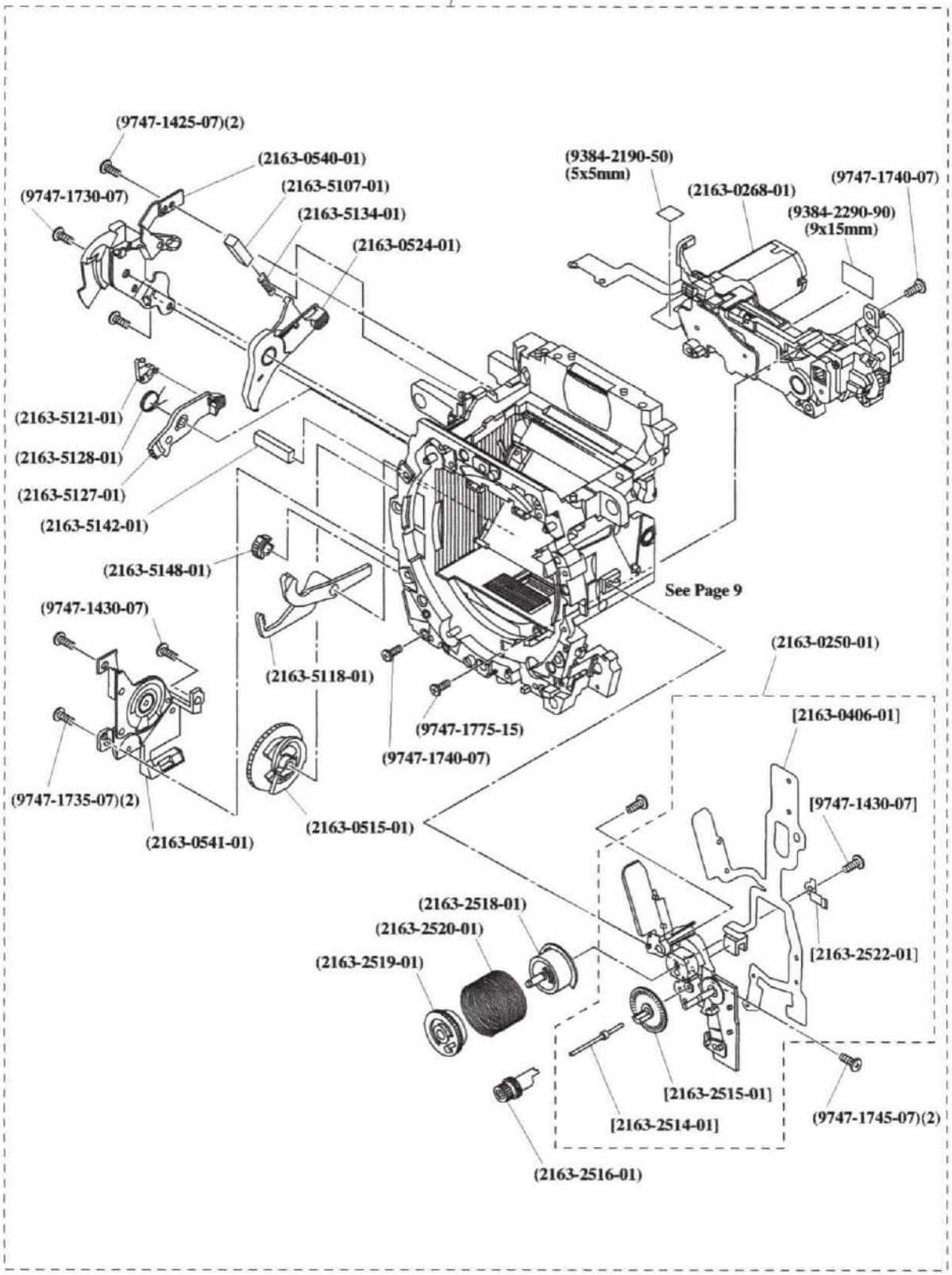


PART NO	PART NAME		QTY.
2163-0500-01	MIRROR BOX ASSY	ミラーボックスセット	1
2163-0700-01	MIRROR BOX ASSY (PANORAMA)	ミラーボックスセット	1
(2163-0151-01)	BL CONTACT HOLDER ASSY	ＢＬ接片ホルダーセット	1
(2163-0251-01)	APERTURE RING ASSY	絞りリングセット	1
(2092-1011-03)	BAYONET SP	リングＳＰ	1
(2092-1016-05)	BB ADJUSTMENT WASHER-C (T=0.1)	ＢＢ調整ワッシャＣ	2
(2163-1501-01)	LENS LOCK BUTTON	レンズロック釦	1
(2163-1502-01)	LENS LOCK SP	レンズロックＳＰ	1
(2163-1503-01)	LENS LOCK PIN	レンズロックピン	1
(2163-1504-01)	AF COUPLER LEVER	ＡＦカプラーレバー	1
(2163-1505-01)	AF COUPLER CONNECT LEVER	ＡＦカプラー連動レバー	1
(2163-1506-01)	AF COUPLER LOCK LEVER	ＡＦカプラー係止レバー	1
(2163-1507-01)	AF COUPLER LOCK LEVER SP	ＡＦカプラー係止レバーＳＰ	1
(2163-1508-01)	SLLK CONTACT-A	ＳＬＬＫ接片Ａ	1
(2163-1509-01)	SLLK CONTACT-B	ＳＬＬＫ接片Ｂ	1
(2163-1510-01)	SLLK CONTACT SPACER	ＳＬＬＫ接片スペーサー	1
(2163-1511-01)	SAF/M DETECT CONTACT-A	ＳＡＦ／Ｍ接片Ａ	1
(2163-1513-01)	AF COUPLER LOCK LEVER SHAFT	ＡＦカプラー係止レバー軸	1
(2163-1514-01)	AF COUPLER LEVER SHAFT	ＡＦカプラーレバー軸	1
(2163-1516-01)	COUPLER LOCK LEVER SUPORT PLATE	ＡＦカプラーロックレバー補助板	1
(2163-1521-01)	BAYONET MOUNT	マウント	1
(2163-1522-01)	BAYONET MOUNT SPACER	マウントスペーサー	1
(2163-2533-01)	RING ROLLER-A	リングローラーＡ	2
(2163-2534-01)	RING ROLLER-B	リングローラーＢ	1
*(2163-2608-01)	AF COUPLER	ＡＦカプラー	1
(2163-2608-03)	AF COUPLER	ＡＦカプラー	1
(2072-2623-01)	COUPLER SPRING	カプラーＳＰ	1
(9384-2190-50)	DOUBLE-FACED TAPE (PER ROLL)	両面テープ	1
(9747-1430-07)	SCREW	ねじ	1
(9747-1745-07)	SCREW	ねじ	2
(9761-2055-04)	SCREW	ねじ	6
(9762-1435-07)	SCREW	ねじ	1

2092-1014-01	BB ADJUSTMENT WASHER-A (T=0.05)	ＢＢ調整ワッシャＡ	0-2
2092-1015-05	BB ADJUSTMENT WASHER-B (T=0.08)	ＢＢ調整ワッシャＢ	
2092-1016-05	BB ADJUSTMENT WASHER-C (T=0.1)	ＢＢ調整ワッシャＣ	
2092-1017-04	BB ADJUSTMENT WASHER-D (T=0.12)	ＢＢ調整ワッシャＤ	
2092-1018-05	BB ADJUSTMENT WASHER-E (T=0.15)	ＢＢ調整ワッシャＥ	
2092-1019-05	BB ADJUSTMENT WASHER-F (T=0.2)	ＢＢ調整ワッシャＦ	

PARTS LIST

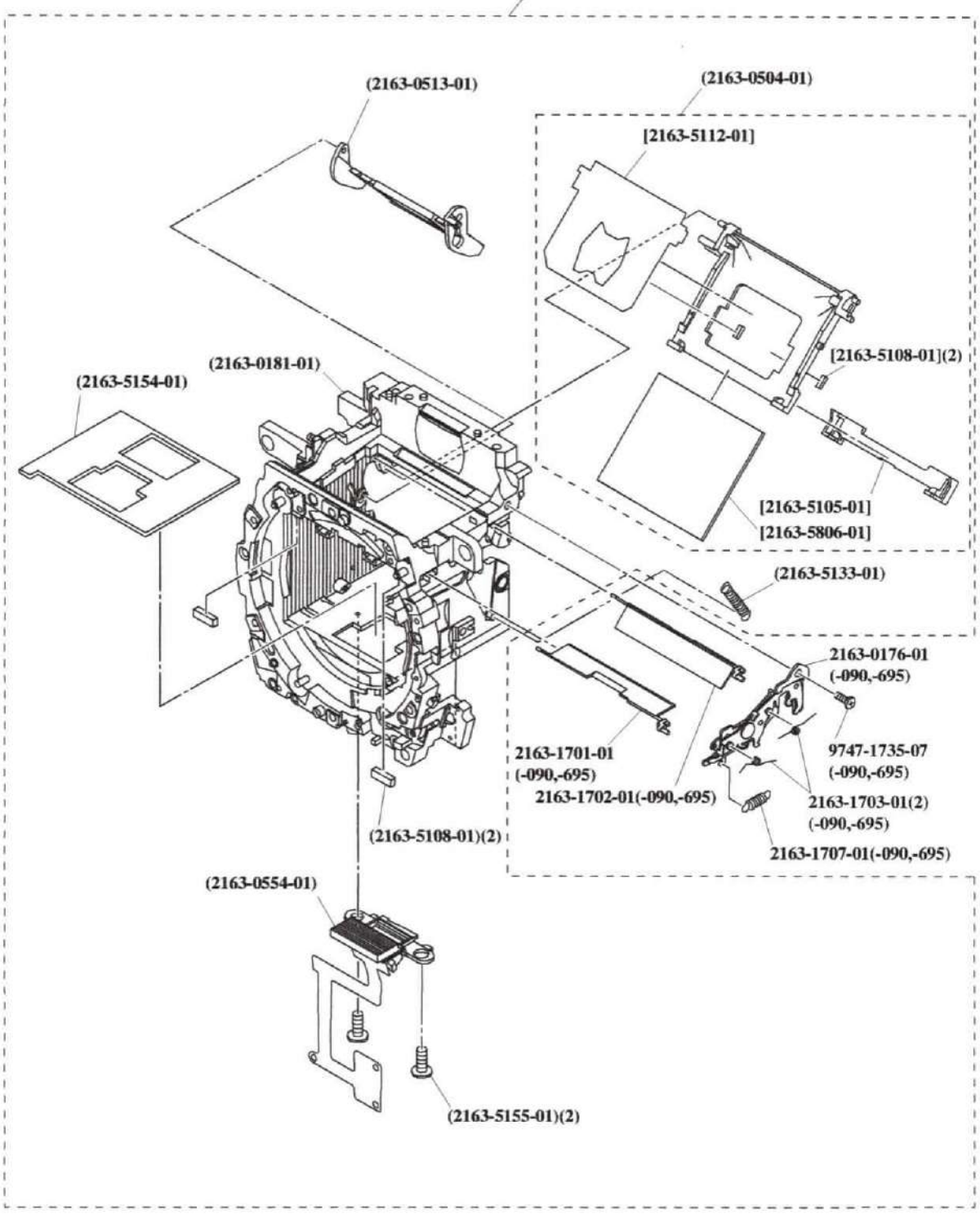
2163-0700-01 (PANORAMA)
2163-0500-01 (NON PANORAMA)



PART NO	PART NAME		QTY.
2163-0500-01	MIRROR BOX ASSY	ミラーボックスセット	1
2163-0700-01	MIRROR BOX ASSY (PANORAMA)	ミラーボックスセット	1
(2163-0250-01)	APERTURE BASE PLATE ASSY	絞り台板セット	1
[2163-0406-01]	FPC-FP ASSY	ＦＰフレキセット	1
[2163-2514-01]	REDUCTION GEAR C SHAFT	減速ギヤＣ軸	1
[2163-2515-01]	REDUCTION GEAR C1	減速ギヤＣ１	1
[2163-2522-01]	PI PRESSURE PLATE	ＰＩ押え板	1
[9747-1430-07]	SCREW	ねじ	1
(2163-0268-01)	AF/CHARGE BASEPLATE ASSY	ＡＦ／チャージ台板セット	1
(2163-0515-01)	CHARGE CAM ASSY	チャージカムセット	1
(2163-0524-01)	DRIVE LEVER ASSY	駆動レバーセット	1
(2163-0540-01)	PRESSURE PLATE-A ASSY	押え台板Ａセット	1
(2163-0541-01)	PRESSURE PLATE-B ASSY	押え台板Ｂセット	1
(2163-2516-01)	REDUCTION GEAR C2	減速ギヤＣ２	1
(2163-2518-01)	DRIVE SP-1 BASE PLATE	駆動ＳＰ１台板	1
(2163-2519-01)	DRIVE GEAR	駆動ギヤ	1
(2163-2520-01)	DRIVE SP-1	駆動ＳＰ１	1
(2163-5107-01)	SOUND-PROOF CUSHION	防音クッション	1
(2163-5118-01)	HOOK LEVER	係止レバー	1
(2163-5121-01)	SHUTTER DETENT LEVER	シャッター係止レバー	1
(2163-5127-01)	CHARGE LEVER	チャージレバー	1
(2163-5128-01)	CHARGE LEVER SP	チャージレバーＳＰ	1
(2163-5134-01)	DRIVE SP-2	駆動ＳＰ２	1
(2163-5142-01)	BALANCER CUSHION	バランサークッション	1
(2163-5148-01)	RELEASE DRIVE GEAR	レリーズ駆動ギヤ	1
(9384-2190-50)	DOUBLE-FACED TAPE (PER ROLL)	両面テープ	1
(9384-2290-90)	POLYESTER TAPE (PER ROLL/60M) YELLOW	ポリエステルテープ	1
(9747-1425-07)	SCREW	ねじ	2
(9747-1430-07)	SCREW	ねじ	1
(9747-1730-07)	SCREW	ねじ	1
(9747-1735-07)	SCREW	ねじ	2
(9747-1740-07)	SCREW	ねじ	2
(9747-1745-07)	SCREW	ねじ	2
(9747-1775-15)	SCREW	ねじ	1

PARTS LIST

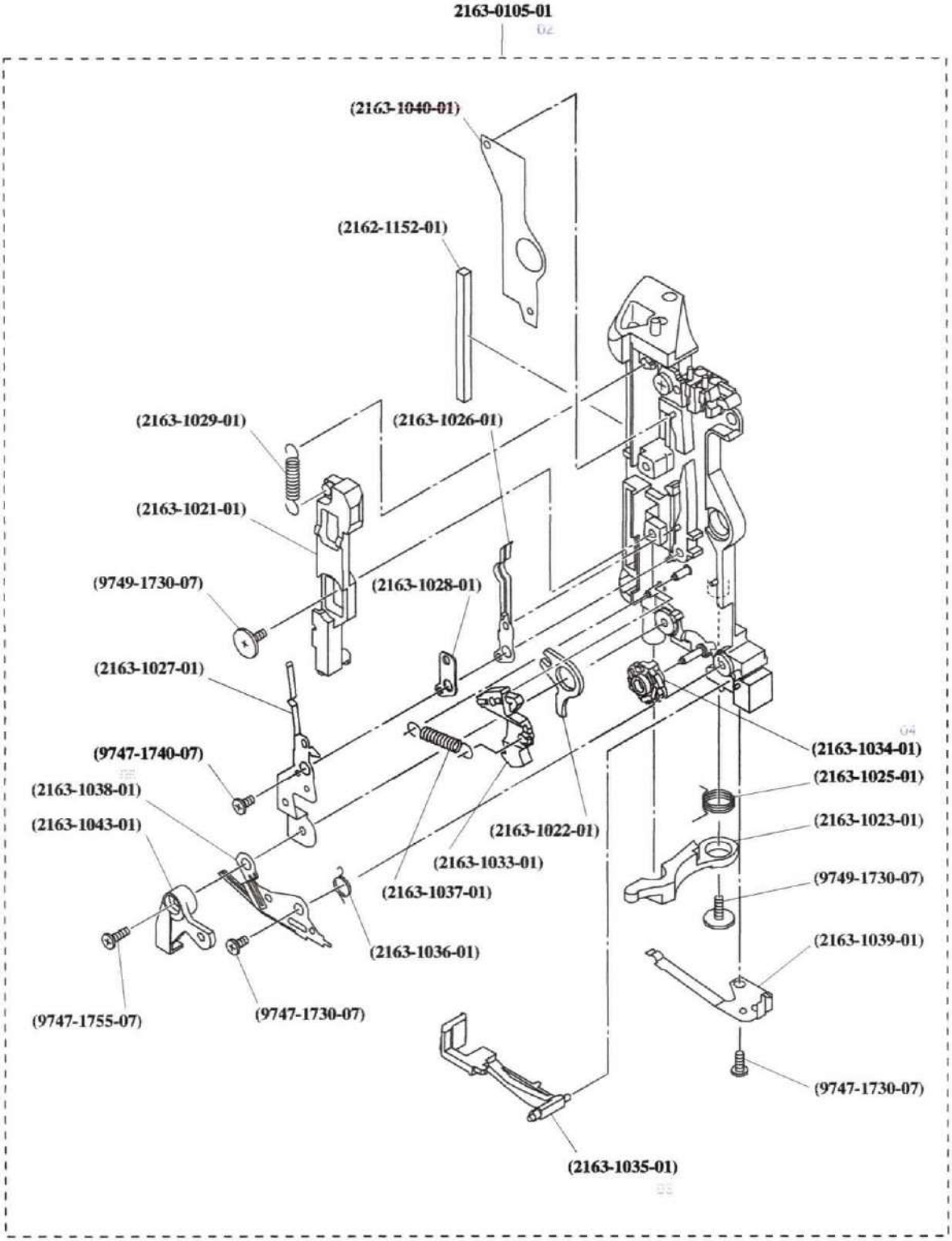
2163-0700-01 (PANORAMA)
2163-0500-01 (NON PANORAMA)



PART NO	PART NAME		QTY.
2163-0500-01	MIRROR BOX ASSY	ミラーボックスセット	1
2163-0700-01	MIRROR BOX ASSY (PANORAMA)	ミラーボックスセット	1
(2163-0181-01)	FRONT FRAME ASSY	前枠セット	1
(2163-0504-01)	MAIN MIRROR HOLDER ASSY	主ミラーホルダーセット	1
[2163-5105-01]	MAIN MIRROR PRESSURE	主ミラー押え	1
[2163-5108-01]	MAIN MIRROR CUSHION	主ミラークッション	2
[2163-5112-01]	MASK PLATE	マスク板	1
[2163-5806-01]	MAIN MIRROR	主ミラー	1
(2163-0513-01)	SUB MIRROR HOLDER ASSY	サブミラーホルダーセット	1
(2163-0554-01)	SPC2 HOLDER ASSY	ＳＰＣ２ホルダーセット	1
(2163-5108-01)	MAIN MIRROR CUSHION	主ミラークッション	2
(2163-5133-01)	SUB MIRROR DRIVE SP	サブミラー駆動ＳＰ	1
(2163-5154-01)	FLARE PREVENT SHEET	フレアー防止シート	1
(2163-5155-01)	SCREW	ねじ	2

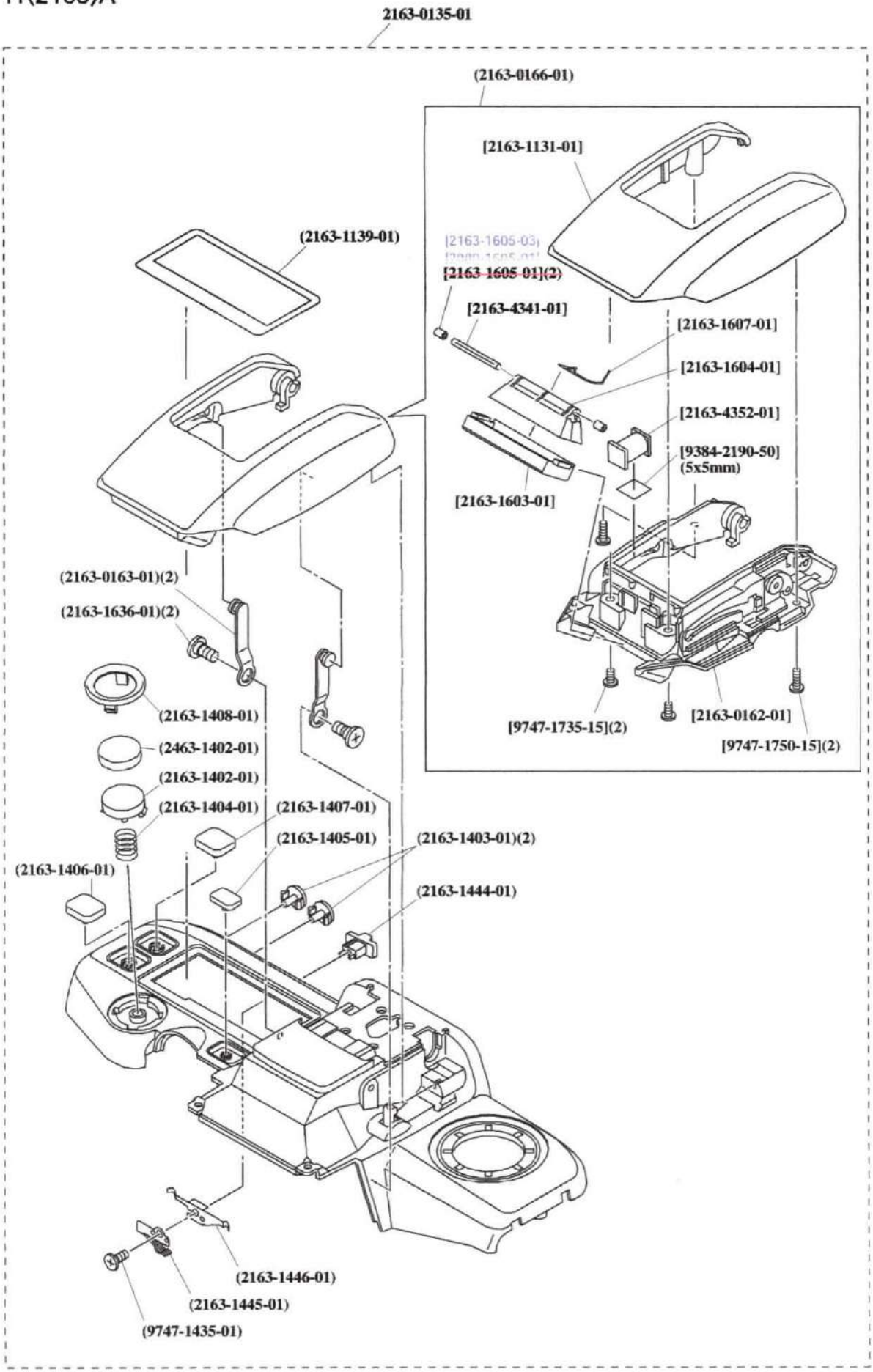
2163-0176-01	PANORAMA FINDER BASEPLATE ASSY (-090, -695)	パノラマファインダー台板セット	1
2163-1701-01	PANORAMA FRAME PLATE-A (-090, -695)	パノラマ遮光板Ａ	1
2163-1702-01	PANORAMA FRAME PLATE-B (-090, -695)	パノラマ遮光板Ｂ	1
2163-1703-01	PANORAMA OVERCHARGE SP (-090, -695)	パノラマオーバーチャージＳＰ	2
2163-1707-01	PANORAMA RESET SP (-090, -695)	パノラマリセットＳＰ	1
9747-1735-07	SCREW (-090, -695)	ねじ	1

PARTS LIST


2163-0105-01
(2163-1040-01)
(2162-1152-01)
(2163-1029-01)
(2163-1026-01)
(2163-1021-01)
(9749-1730-07)
(2163-1028-01)
(2163-1027-01)
(9747-1740-07)
(2163-1038-01)
(2163-1043-01)
(2163-1022-01)
(2163-1033-01)
(2163-1037-01)
(2163-1036-01)
(9747-1755-07)
(9747-1730-07)
(2163-1034-01)
(2163-1025-01)
(2163-1023-01)
(9749-1730-07)
(2163-1039-01)
(9747-1730-07)
(2163-1035-01)

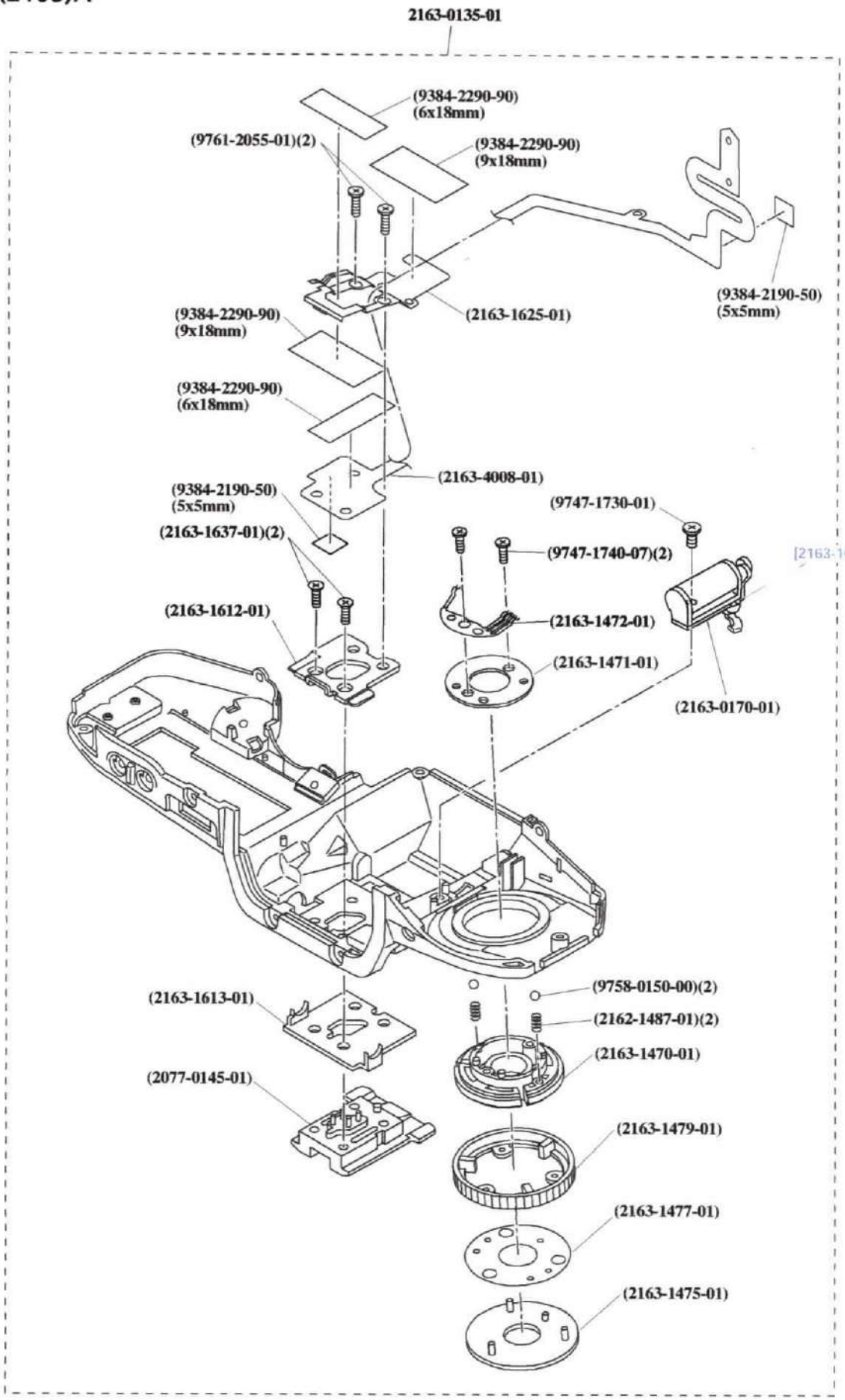
PART NO	PART NAME		QTY.
*2163-0105-01	SAFETY LOCK BASEPLATE ASSY	セーフティロック台板セット	1
2163-0105-02	SAFETY LOCK BASEPLATE ASSY	セーフティロック台板セット	1
(2163-1021-01)	BACK COVER LOCK PLATE	裏蓋ロック板	1
(2163-1022-01)	BACK COVER LOCK JOINT LEVER	裏蓋ロック連結レバー	1
(2163-1023-01)	BACK COVER LOCK RELEASE LEVER	裏蓋ロック解除レバー	1
(2163-1025-01)	BACK COVER LOCK RELEASE LEVER SP	裏蓋ロック解除レバーＳＰ	1
(2163-1026-01)	BACK COVER DETECT CONTACT-A	裏蓋検知接片Ａ	1
(2163-1027-01)	BACK COVER DETECT CONTACT-B	裏蓋検知接片Ｂ	1
(2163-1028-01)	BACK COVER DETECT CONTACT SPACER	裏蓋検知接片間隔板	1
(2163-1029-01)	BACK COVER LOCK SP	裏蓋ロックＳＰ	1
(2163-1033-01)	SAFETY LOCK DRIVE LEVER	セーフティロック駆動レバー	1
*(2163-1034-01	SAFETY LOCK CHANGEOVER CAM	セーフティロック切替えカム	1
(2163-1034-04)	SAFETY LOCK CHANGEOVER CAM	セーフティロック切替えカム	1
*(2163-1035-01	SAFETY LOCK SWITCH LEVER	セーフティロックＳＷレバー	1
(2163-1035-03)	SAFETY LOCK SWITCH LEVER	セーフティロックＳＷレバー	1
(2163-1036-01)	SAFETY LOCK SWITCH LEVER SP	セーフティロックＳＷレバーＳＰ	1
(2163-1037-01)	SAFETY LOCK DRIVE LEVER SP	セーフティロック駆動レバーＳＰ	1
*(2163-1038-01	SAFETY LOCK DETECT CONTACT-A	セーフティロック検知接片Ａ	1
(2163-1038-06)	SAFETY LOCK DETECT CONTACT-A	セーフティロック検知接片Ａ	1
(2163-1039-01)	SAFETY LOCK DETECT CONTACT-B	セーフティロック検知接片Ｂ	1
(2163-1040-01)	SAFETY LOCK COVER SHEET	セーフティロックカバーシート	1
(2163-1043-01)	SAFETY LOCK CONTACT HOLD PLATE	セーフティロック接片保持板	1
(2162-1152-01)	BACK TERMINAL DUSTPROOF SHEET	バック端子防塵シート	1
(9747-1730-07)	SCREW	ねじ	2
(9747-1740-07)	SCREW	ねじ	1
(9747-1755-07)	SCREW	ねじ	1
(9749-1730-07)	SCREW	ねじ	2

PARTS LIST


2163-0135-01
(2163-0166-01)
[2163-1131-01]
(2163-1139-01)
[2163-1605-03]
[2163-1605-01](2)
[2163-4341-01]
[2163-1607-01]
[2163-1604-01]
[2163-4352-01]
[9384-2190-50]
(5x5mm)
[2163-1603-01]
(2163-0163-01)(2)
(2163-1636-01)(2)
(2163-1408-01)
(2463-1402-01)
(2163-1402-01)
(2163-1404-01)
(2163-1407-01)
(2163-1405-01)
(2163-1403-01)(2)
(2163-1406-01)
(2163-1444-01)
[9747-1735-15](2)
[2163-0162-01]
[9747-1750-15](2)
(2163-1446-01)
(2163-1445-01)
(9747-1435-01)

PART NO	PART NAME		QTY.
2163-0135-01	TOP COVER ASSY	上カバーセット	1
(2163-0163-01)	POP-UP GUIDE PLATE ASSY	ポップアップガイド板セット	2
(2163-0166-01)	FLASH ASSY	フラッシュセット	1
[2163-0162-01]	FLASH BOTTOM COVER ASSY	フラッシュ下カバーセット	1
[2163-1131-01]	FLASH TOP COVER	フラッシュ上カバー	1
[2163-1603-01]	FLASH PANEL	発光パネル	1
[2163-1604-01]	XE HOLDER-A	ＸＥホルダーＡ	1
[2163 1605 01]	RUBBER TUBE	ゴムチューブ	2
~~[2089-1605-01]~~	RUBBER TUBE	ゴムチューブ	1
[2163-1605-03]	RUBBER TUBE	ゴムチューブ	1
[2163-1607-01]	XE HOLDER-B	ＸＥホルダーＢ	1
[2163-4341-01]	XE TUBE	ＸＥチューブ	1
[2163-4352-01]	TRIGGER COIL	トリガーコイル	1
[9384-2190-50]	DOUBLE-FACED TAPE (PER ROLL)	両面テープ	1
[9747-1735-15]	SCREW	ねじ	2
[9747-1750-15]	SCREW	ねじ	2
(2163-1139-01)	LCD WINDOW TAPE	ＬＣＤ窓テープ	1
(2163-1402-01)	SHUTTER-RELEASE BUTTON	レリーズ釦	1
(2463-1402-01)	SHUTTER-RELEASE BUTTON CAP	レリーズボタンキャップ	1
(2163-1403-01)	SPOT LOCK BUTTON	スポットロック釦	2
(2163-1404-01)	SHUTTER-RELEASE BUTTON SP	レリーズボタンＳＰ	1
(2163-1405-01)	P RESET BUTTON	Ｐ釦	1
(2163-1406-01)	SELECT BUTTON	セレクト釦	1
(2163-1407-01)	DRIVE MODE BUTTON	ドライブモード釦	1
(2163-1408-01)	SHUTTER-RELEASE BUTTON BASEPLATE	レリーズ釦台板	1
(2163-1444-01)	MAIN SWITCH LEVER	メインスイッチレバー	1
(2163-1445-01)	MAIN SWITCH CONTACT	メインスイッチ接片	1
(2163-1446-01)	MAIN SWITCH CLICK PLATE	メインスイッチクリック板	1
(2163-1636-01)	POP-UP STOPPER SHAFT	ポップアップストッパー軸	2
(9747-1435-01)	SCREW	ねじ	1

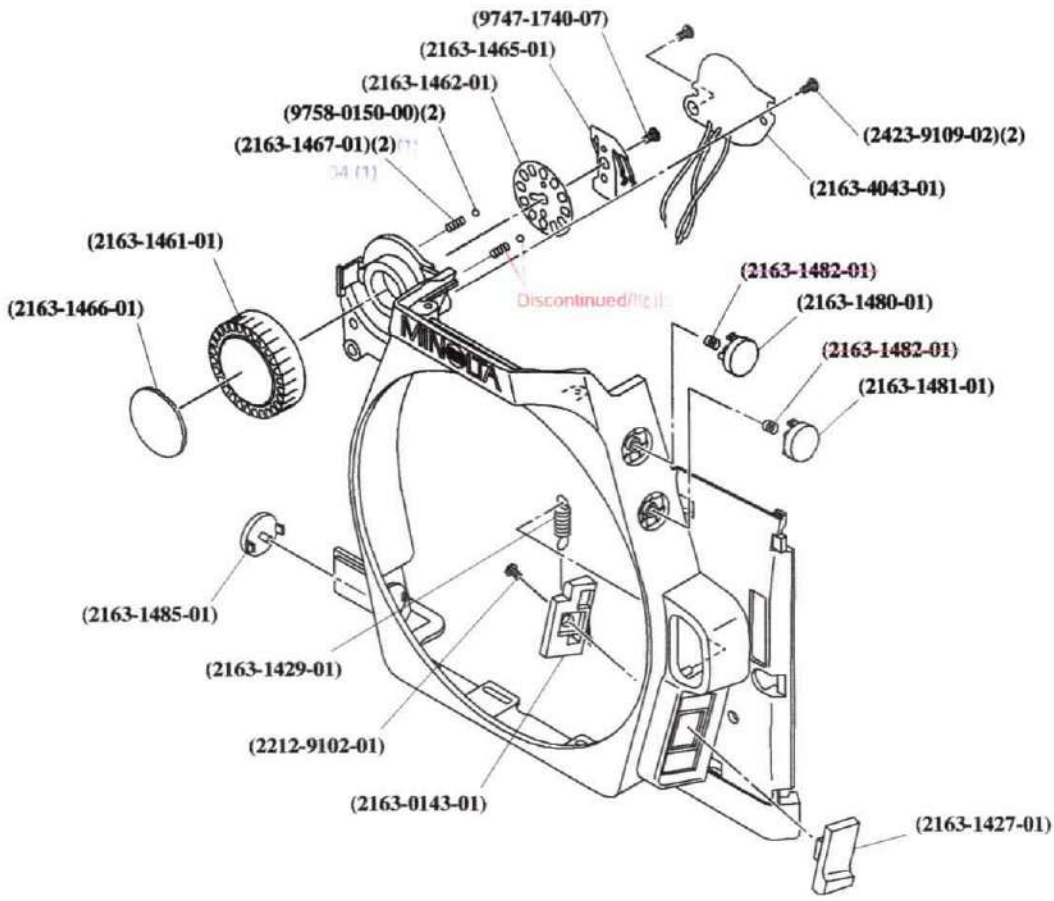
PARTS LIST


2163-0135-01
(9384-2290-90)
(6x18mm)
(9761-2055-01)(2)
(9384-2290-90)
(9x18mm)
(9384-2190-50)
(5x5mm)
(2163-1625-01)
(9384-2290-90)
(9x18mm)
(9384-2290-90)
(6x18mm)
(2163-4008-01)
(9384-2190-50)
(5x5mm)
(2163-1637-01)(2)
(9747-1730-01)
(9747-1740-07)(2)
[2163-1624-02]
(2163-1612-01)
(2163-1472-01)
(2163-1471-01)
(2163-0170-01)
(2163-1613-01)
(9758-0150-00)(2)
(2162-1487-01)(2)
(2163-1470-01)
(2077-0145-01)
(2163-1479-01)
(2163-1477-01)
(2163-1475-01)

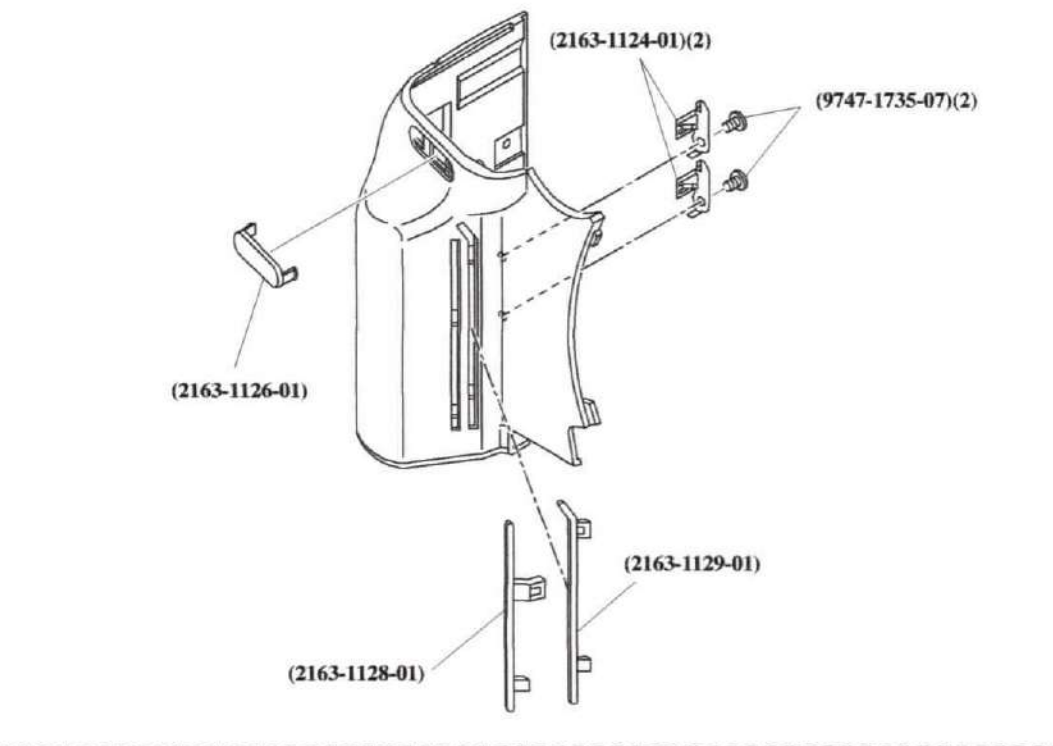
PART NO	PART NAME		QTY.
2163-0135-01	TOP COVER ASSY	上カバーセット	1
(2077-0145-01)	FLASH ACC SHOE SET	アクセサリーシューセット	1
(2163-0170-01)	PLUNGER ASSY	プランジャーセット	1
[illegible]	FU HOOKING LEVER SP	[illegible]	1
(2163-1470-01)	FUNCTION DIAL	ファンクションダイヤル	1
(2163-1471-01)	FUNCTION DIAL PRESSURE PLATE	ファンクションダイヤル押え板	1
(2163-1472-01)	FUNCTION DIAL CONTACT	ファンクションダイヤル接片	1
(2163-1475-01)	FUNCTION DIAL INDEX PLATE	ファンクションダイヤル文字板	1
(2163-1477-01)	FUNCTION DIAL INDEX TAPE	ファンクションダイヤル文字板テープ	1
(2163-1479-01)	FUNCTION DIAL RUBBER RING	ファンクションダイヤルゴムリング	1
(2162-1487-01)	EXPOSURE MODE CLICK SP	露出モードクリックＳＰ	2
(2163-1612-01)	SHOE HOLDER	シュー取付板	1
(2163-1613-01)	SHOE BASE	シュー敷板	1
(2163-1625-01)	POP-UP DETECT CONTACT	ポップアップ検知接片	1
(2163-1637-01)	SCREW	ねじ	2
(2163-4008-01)	FPC-SHOE	シューフレキ	1
(9384-2190-50)	DOUBLE-FACED TAPE (PER ROLL)	両面テープ	2
(9384-2290-90)	POLYESTER TAPE (PER ROLL/60M) YELLOW	ポリエステルテープ	4
(9747-1730-01)	SCREW	ねじ	1
(9747-1740-07)	SCREW	ねじ	2
(9758-0150-00)	STEEL BALL	スチールボール	2
(9761-2055-01)	SCREW	ねじ	2

PARTS LIST

2163-0121-01



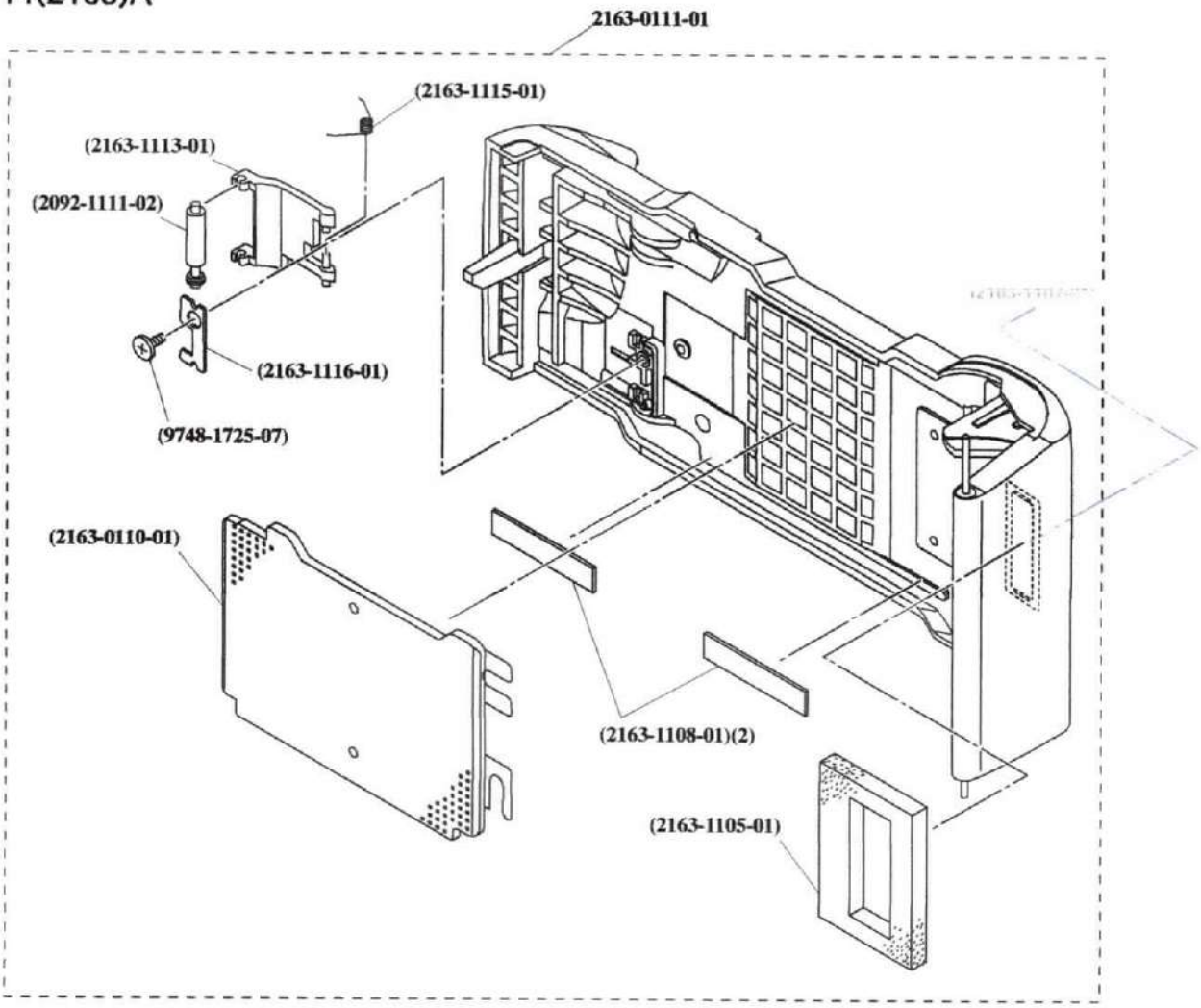
2163-0125-01

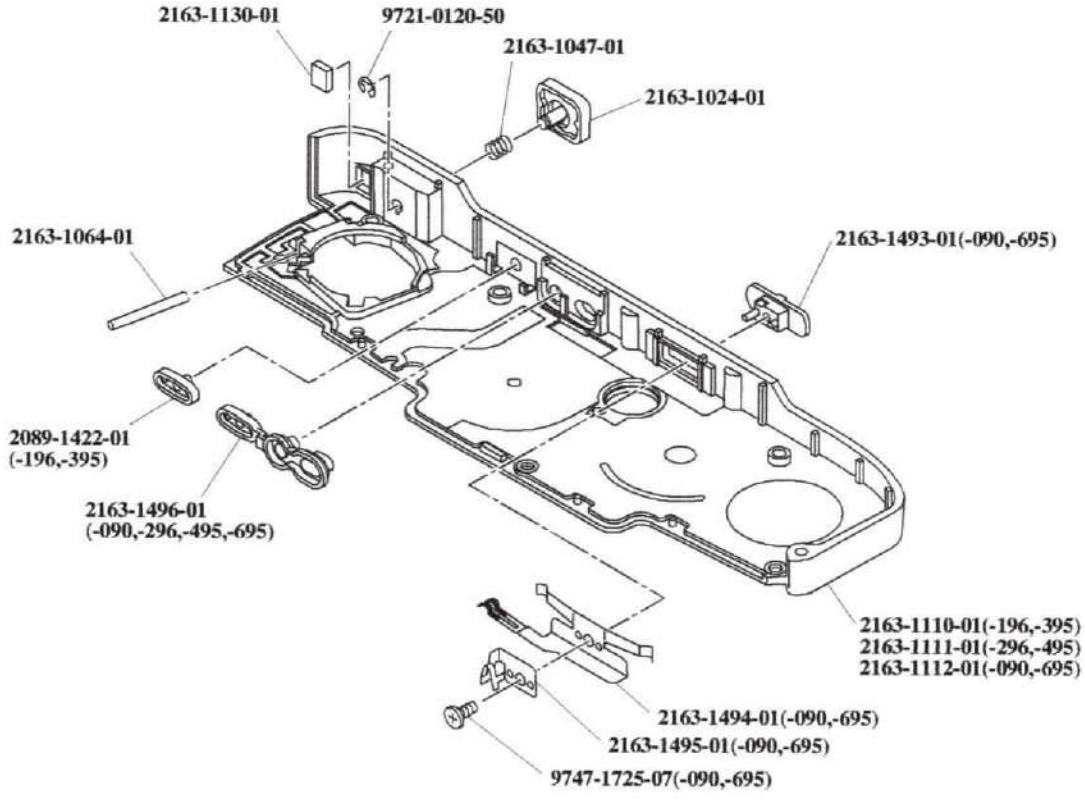


PART NO	PART NAME		QTY.
2163-0121-01	FRONT COVER ASSY	前カバーセット	1
(2163-0143-01)	AF/M BASEPLATE ASSY	ＡＦ／M台板セット	1
(2163-1427-01)	AF/M CHANGE OVER LEVER	ＡＦ／M切替えレバー	1
(2163-1429-01)	AF/M CHANGE OVER SP	ＡＦ／M切替えＳＰ	1
(2163-1461-01)	DIAL	ダイヤル	1
(2163-1462-01)	DIAL CLICK PLATE	ダイヤルクリック板	1
(2163-1465-01)	DIAL CONTACT-A	ダイヤル接片Ａ	1
(2163-1466-01)	DIAL DECORATION PLATE	ダイヤル化粧板	1
*(2163-1467-01)	DIAL CLICK SP	ダイヤルクリックＳＰ	2
(2163-1467-04)	DIAL CLICK SP	ダイヤルクリックＳＰ	~~2~~
(2163-1480-01)	FLASH BUTTON	フラッシュ釦	1
(2163-1481-01)	+/- BUTTON	＋／－釦	1
~~(2163-1482-01)~~	+/- BUTTON SP	＋／－釦ＳＰ	2
(2163-1485-01)	PREVIEW BUTTON	プレビュー釦	1
(2163-4043-01)	DIAL PCB	ダイヤル基板	1
(2212-9102-01)	SCREW	ねじ	1
(2423-9109-02)	SCREW	ねじ	2
(9747-1740-07)	SCREW	ねじ	1
*(9758-0150-00)	STEEL BALL	スチールボール	~~2~~ 1

2163-0125-01	GRIP COVER ASSY	グリップカバーセット	1
(2163-1124-01)	GROUND PLATE	ラグ板	2
(2163-1126-01)	REMOTE TERMINAL WINDOW	リモートターミナル窓	1
(2163-1128-01)	GRIP CONTACT-A	グリップ接片Ａ	1
(2163-1129-01)	GRIP CONTACT-B	グリップ接片Ｂ	1
(9747-1735-07)	SCREW	ねじ	2

PARTS LIST


2163-0111-01
(2163-1115-01)
(2163-1113-01)
(2092-1111-02)
(2163-1116-01)
(9748-1725-07)
(2163-0110-01)
(2163-1108-01)(2)
(2163-1105-01)

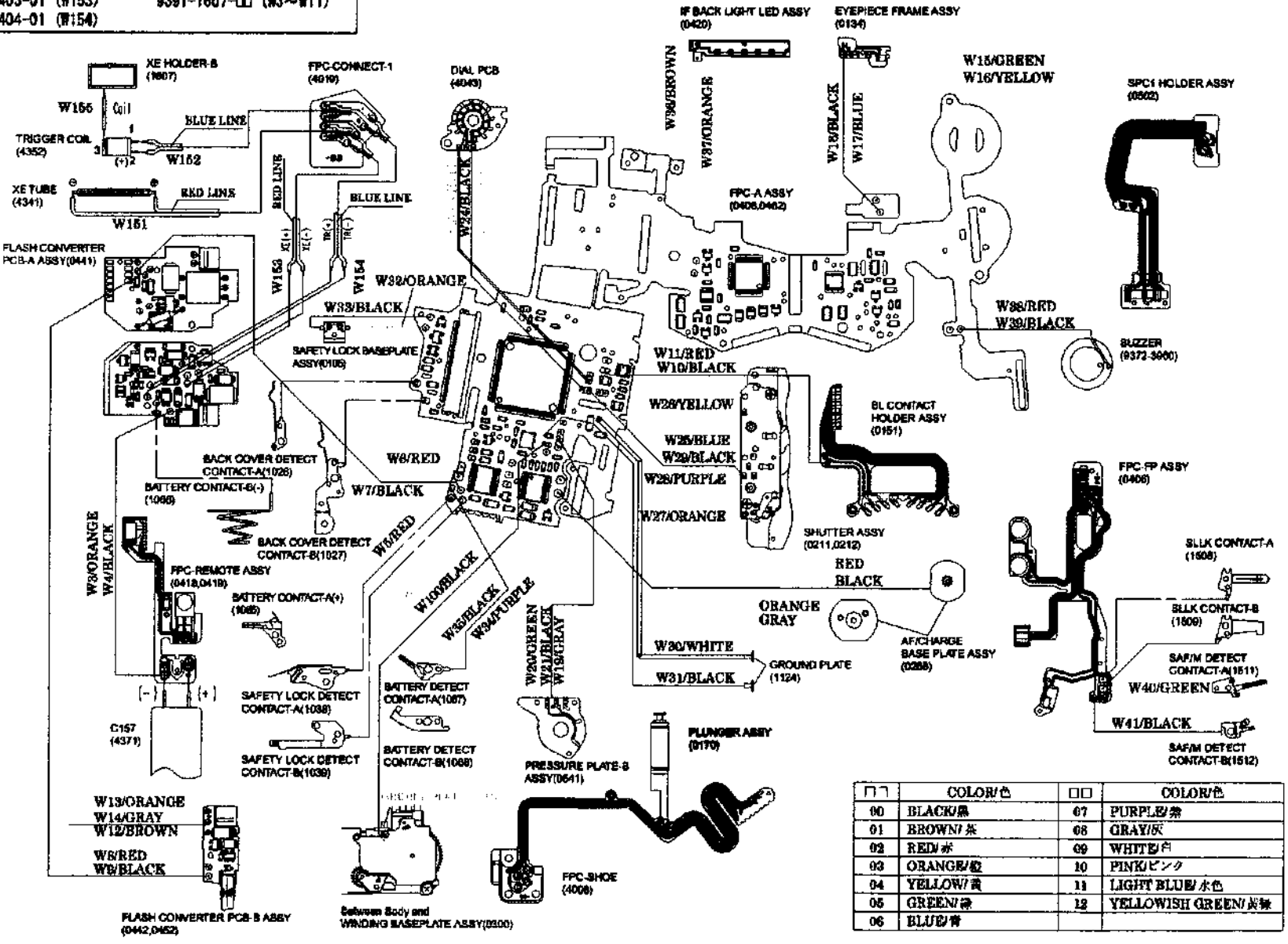

2163-1130-01
9721-0120-50
2163-1047-01
2163-1024-01
2163-1064-01
2163-1493-01(-090,-695)
2089-1422-01
(-196,-395)
2163-1496-01
(-090,-296,-495,-695)
2163-1110-01(-196,-395)
2163-1111-01(-296,-495)
2163-1112-01(-090,-695)
2163-1494-01(-090,-695)
2163-1495-01(-090,-695)
9747-1725-07(-090,-695)

PART NO	PART NAME		QTY.
2163-0111-01	BACK COVER ASSY	裏蓋セット	1
(2163-0110-01)	PRESSURE PLATE ASSY	圧着板セット	1
(2163-1105-01)	LIGHT SHIELD SPONGE	パト表示遮光スポンジ	1
(2163-1107-01)	FILM WINDOW	パト表示窓	1
(2163-1108-01)	LIGHT SHIELD TAPE	遮光シート	2
(2092-1111-02)	BACK COVER ROLLER	裏蓋可動ローラー	1
(2163-1113-01)	BACK COVER SEPARATION PLATE	裏蓋可動板	1
(2163-1115-01)	BACK COVER SEPARATION PLATE SP	裏蓋可動板ＳＰ	1
(2163-1116-01)	SHAFT SUPPORT PLATE	軸支持板	1
(9748-1725-07)	SCREW	ねじ	1
2163-1024-01	BACK COVER OPENING BUTTON	裏蓋開閉釦	1
2163-1047-01	BACK COVER OPENING BUTTON SP	裏蓋開閉釦ＳＰ	1
2163-1064-01	BATTRY COVER HINGE AXIS	電池蓋ヒンジ軸	1
2163-1110-01	BOTTOM COVER (-196, -395)	下カバー	1
2163-1111-01	BOTTOM COVER (-296, -495)	下カバー	
2163-1112-01	BOTTOM COVER (-090, -695)	下カバー	
2163-1130-01	SAFETY LOCK WINDOW	セーフティロック窓	1
2089-1422-01	REWIND BUTTON (-196, -395)	途中巻戻し釦	1
2163-1493-01	PANORAMA CHANGE OVER LEVER (-090, -695)	パノラマ切替えレバー	1
2163-1494-01	PANORAMA CHANGE OVER CONTACT (-090, -695)	パノラマ切替え接片	1
2163-1495-01	PANORAMA CHANGE OVER SP (-090, -695)	パノラマ切替えＳＰ	1
2163-1496-01	DATE BUTTON (-090, -296, -495, -695)	デート釦	1
9721-0120-50	E-RING	Ｅリング	1
9747-1725-07	SCREW (-090, -695)	ねじ	1

■WIRING DIAGRAM 1(2163)

■LEAD WIRES LIST

2163-4401-01 (W151)	2163-4405-01 (W155)
2163-4402-01 (W152)	9391-0807-□□ (OTHER)
2163-4403-01 (W153)	9391-1607-□□ (W3～W11)
2163-4404-01 (W154)	

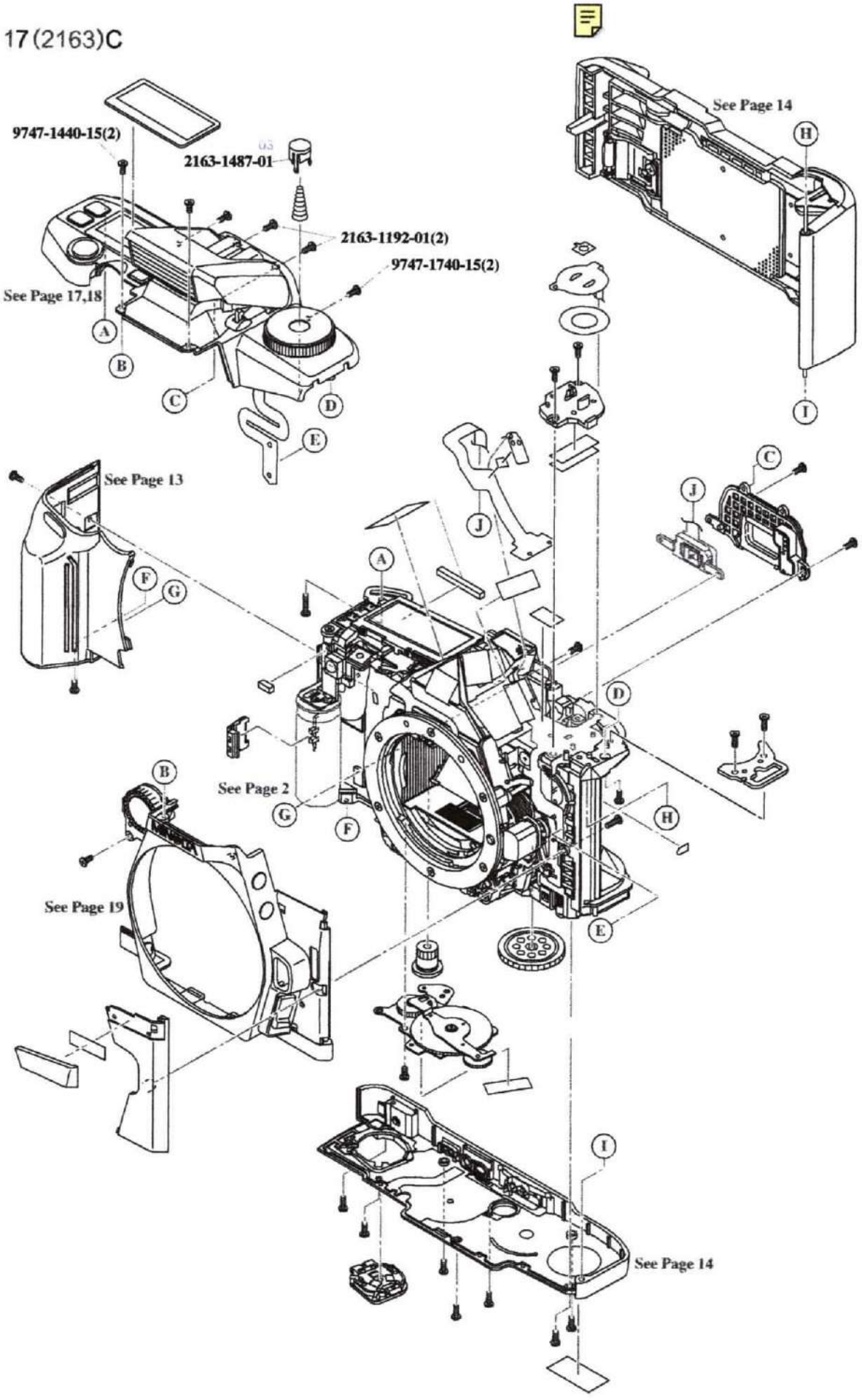


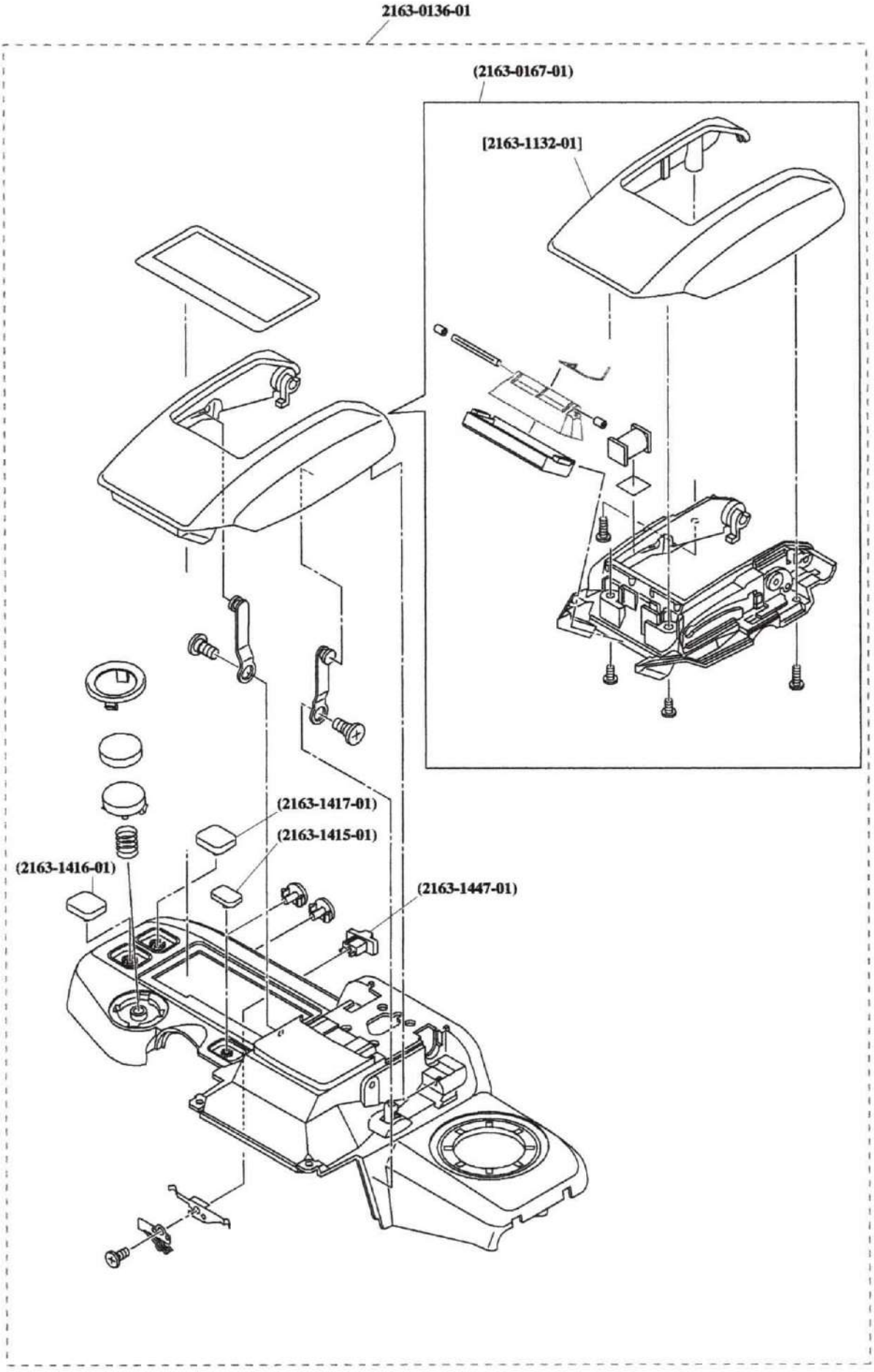
□□	COLOR/色	□□	COLOR/色
00	BLACK/黒	07	PURPLE/紫
01	BROWN/茶	08	GRAY/灰
02	RED/赤	09	WHITE/白
03	ORANGE/橙	10	PINK/ピンク
04	YELLOW/黄	11	LIGHT BLUE/水色
05	GREEN/緑	12	YELLOWISH GREEN/黄緑
06	BLUE/青		

The parts list (pg.16 - 20) contains only the exclusive parts for 2163-091 and -690.
For parts not listed herein, refer to the parts list (pg.1 - 14) for 2163-090 and -695.
パーツリストP. 16 - P. 20は (2163-091, -690)の専用部品を記載しています。
2163-091の専用部品以外は2163-090と、2163-690の専用部品以外は2163-695と共通です。

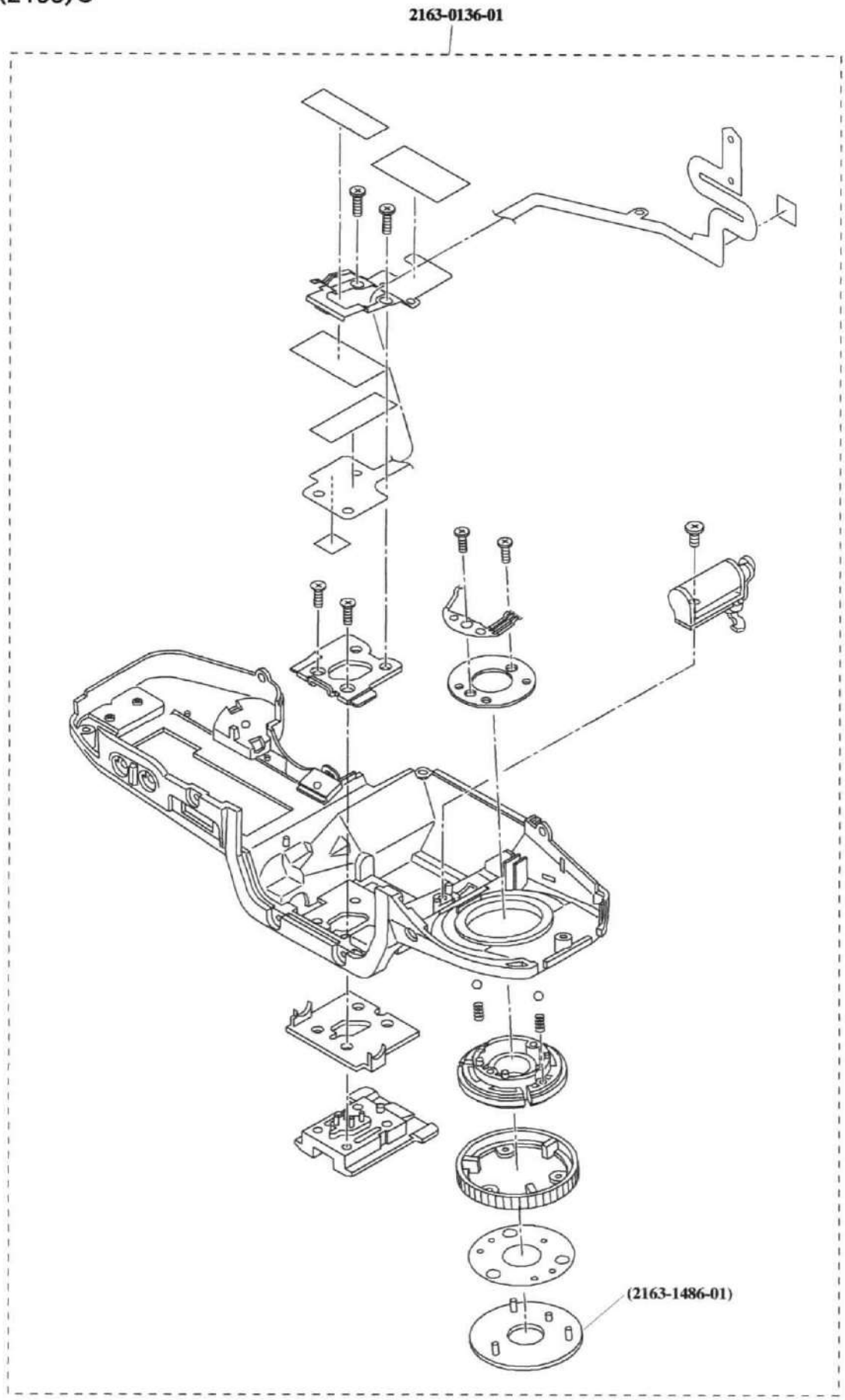
PAGE	PART NO	PART NAME		QTY.
20	2163-0122-01	FRONT COVER ASSY (-091, -690)	前カバーセット	1
20	(2163-1469-01)	DIAL DECORATION PLATE (-091, -690)	ダイヤル化粧板	1
18, 19	2163-0136-01	TOP COVER ASSY (-091, -690)	上カバーセット	1
18	(2163-0167-01)	FLASH ASSY (-091, -690)	フラッシュセット	1
18	[2163-1132-01]	FLASH TOP COVER (-091, -690)	フラッシュ上カバー	1
18	(2163-1415-01)	P RESET BUTTON (-091, -690)	P釦	1
18	(2163-1416-01)	SELECT BUTTON (-091, -690)	セレクト釦	1
18	(2163-1417-01)	DRIVE MODE BUTTON (-091, -690)	ドライブモード釦	1
18	(2163-1447-01)	MAIN SWITCH LEVER (-091, -690)	メインスイッチレバー	1
19	(2163-1486-01)	FUNCTION DIAL INDEX PLATE (-091, -690)	ファンクションダイヤル文字板	1
17	2163-1192-01	SCREW (-091, -690)	ねじ	2
17	*2163-1487-01	FUNCTION BUTTON (-091, -690)	ファンクション釦	1
17	2163-1487-03	FUNCTION BUTTON (-091, -690)	ファンクション釦	1
17	9747-1440-15	SCREW (-091, -690)	ねじ	2
17	9747-1740-15	SCREW (-091, -690)	ねじ	2

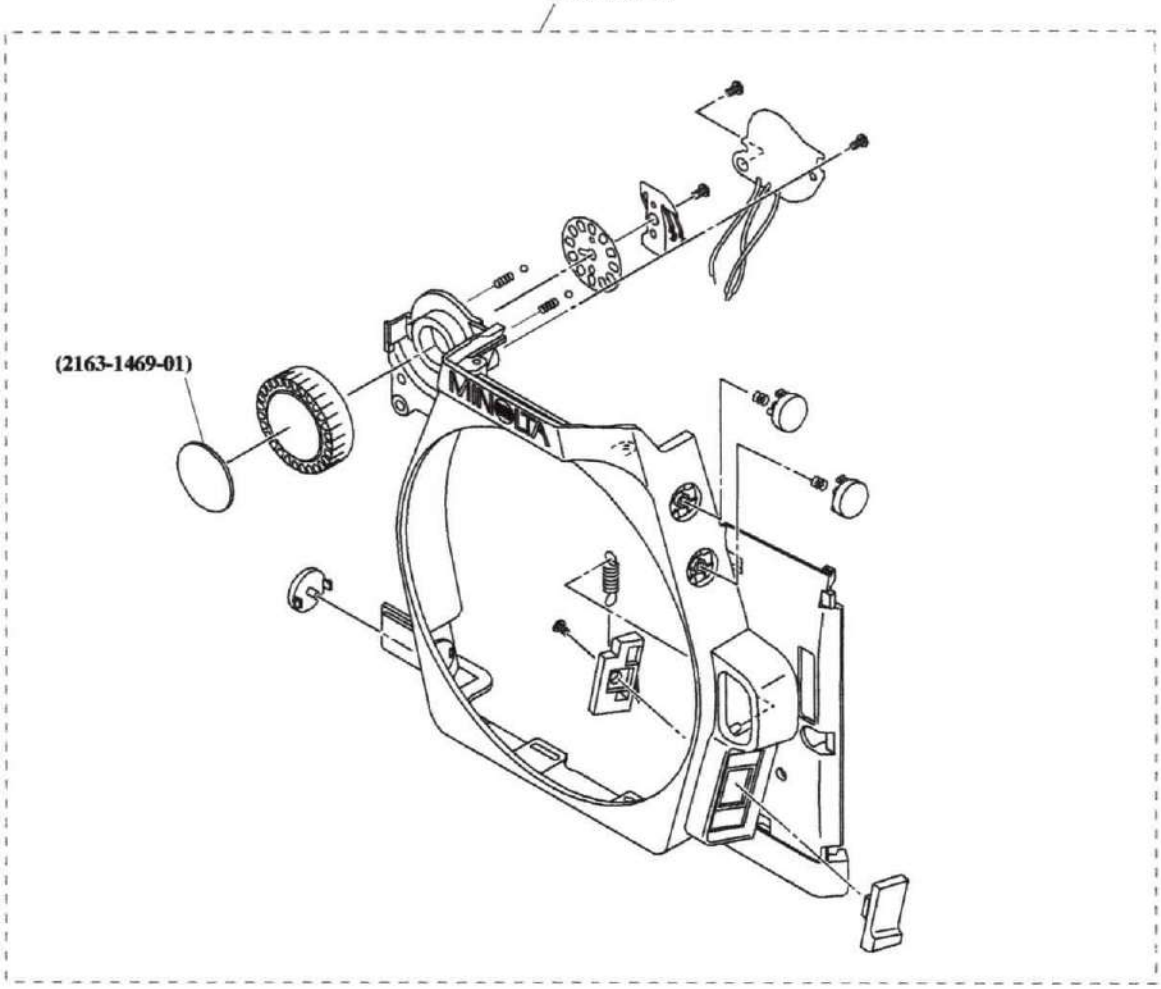
PARTS LIST

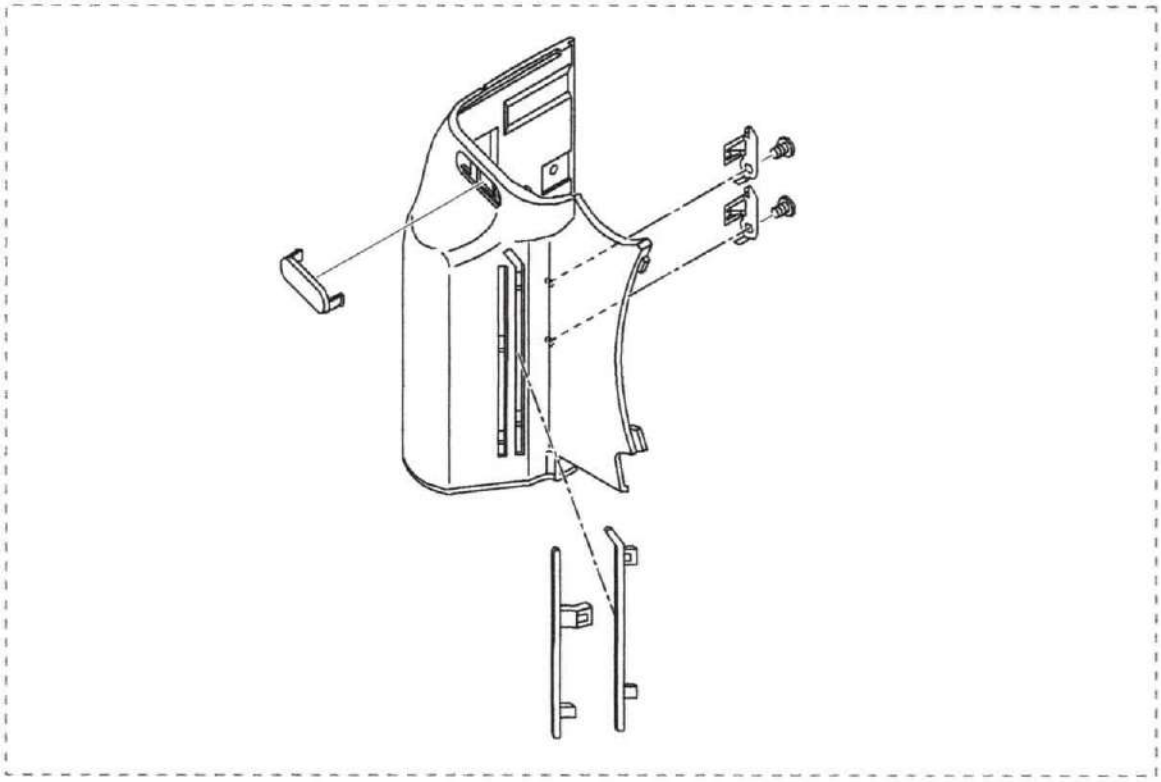

9747-1440-15(2)
2163-1487-01
2163-1192-01(2)
9747-1740-15(2)
See Page 17,18
See Page 14
See Page 13
See Page 2
See Page 19
See Page 14
A
B
C
D
E
F
G
H
I
J


2163-0136-01
(2163-0167-01)
[2163-1132-01]
(2163-1417-01)
(2163-1415-01)
(2163-1416-01)
(2163-1447-01)

PARTS LIST




2163-0122-01
(2163-1469-01)
MINOLTA



PARTS MODIFICATION LIST

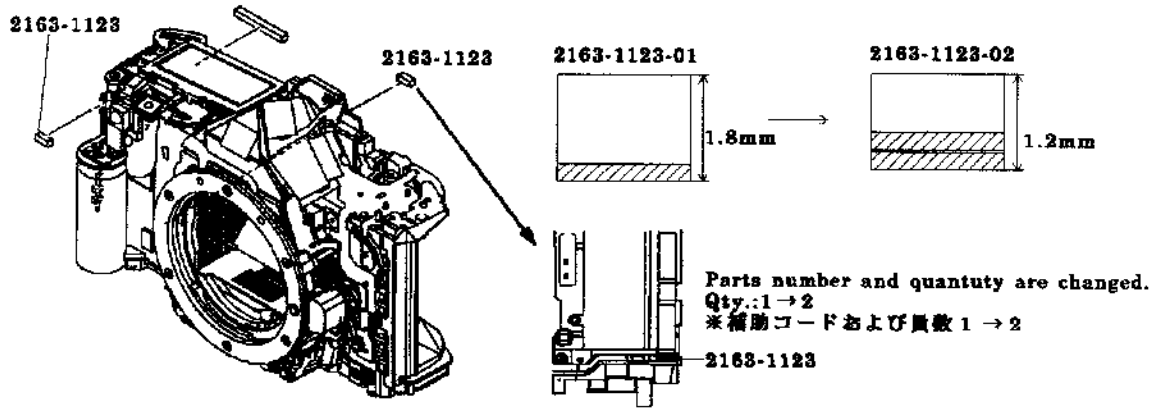
REF No. 管理No.	QS FA 2163-P001

Division 主管部署	Camera Service Division カメラサービス部
Valid from 施行年月日	October 25. 2001
Parts List	P. 1

Approved by 承認	Verified by 審査	Written by 作成

2163-761

REASON 変更理由	裏蓋閉時の感触改善 To improve the touch for closing back cover			COMMON MODEL 共通機種	2163 Series
Previous	2163-1123-01	→○	×←	2163-1123-02	New



PARTS MODIFICATION LIST

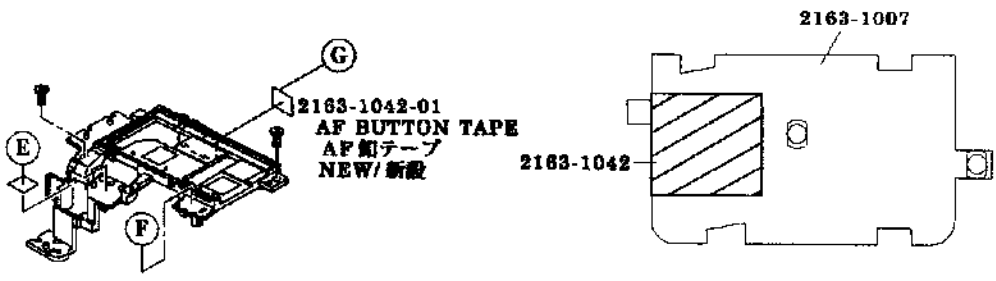
REF No. 管理No.	QS FA 2163-P002

Division 主管部署	Camera Service Division カメラサービス部
Valid from 施行年月日	October 25. 2001
Parts List	P. 2

Approved by 承認	Verified by 審査	Written by 作成

2163-777

REASON 変更理由	AF釦のストローク改善 To ensure spot AF button operation.			COMMON MODEL 共通機種	2163 Series
Previous	———	——	——	2163-1042-01	New



PML

■本案内状に従い、パーツリストへの転記等、メンテナンスを行なってください。

According to this list, correct "Parts List" in Service Manual for effective parts management.

MINOLTA CO.,LTD.

PARTS MODIFICATION LIST

REF No. 管理No.	QS FA 2163-P003

Division 主管部署	Camera Service Division カメラサービス部
Valid from 施行年月日	October 25. 2001

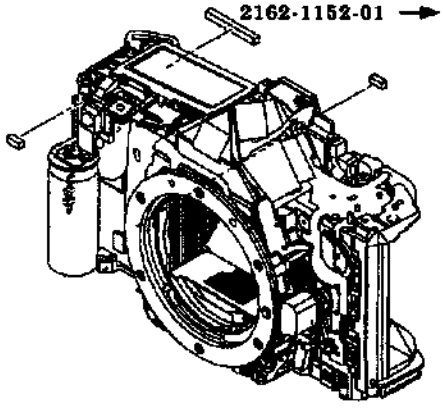
Approved by 承認	Verified by 審査	Written by 作成

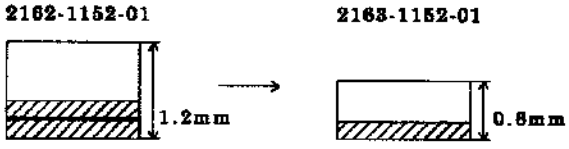
Parts List P. 1

2163-783

REASON 変更理由	裏蓋閉時の感触改善 To improve operation of closing back cover.			COMMON MODEL 共通機種	2163 Series
Previous	2162-1152-01	——	——	——	New
Previous	——	——	——	2163-1152-01	New

2162-1152-01 → 2163-1152-01
BACK TERMINAL DUSTPROOF SHEET
バック端子防塵シート
NEW/新設





PML

■本案内状に従い、パーツリストへの転記等、メンテナンスを行なってください。
According to this list, correct "Parts List" in Service Manual for effective parts management.

MINOLTA CO.,LTD.

PARTS MODIFICATION LIST

REF No. 管理No.	QS FA 2163-P004

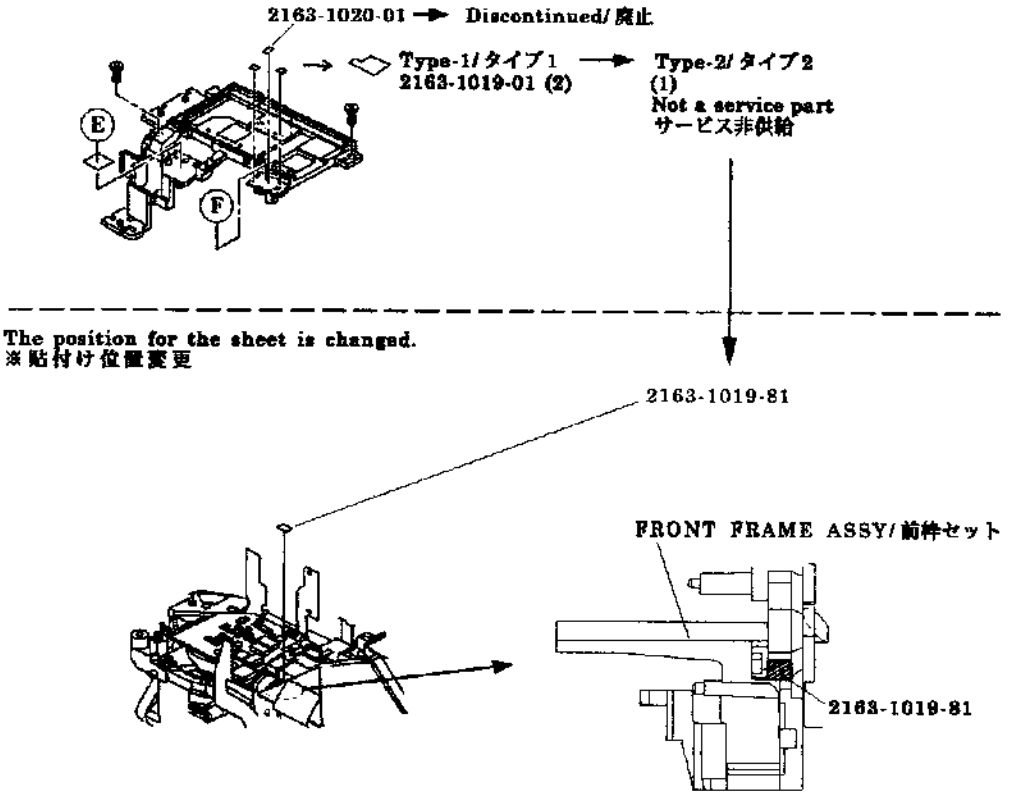
Division 主管部署	Camera Service Division カメラサービス部
Valid from 施行年月日	October 25. 2001

Approved by 承認	Verified by 審査	Written by 作成

Parts List P. 2

2163-765, 786

REASON 変更理由	P釦のストローク改善 To ensure program-reset button operation.			COMMON MODEL 共通機種	2163 Series
Previous	2163-1019-01	→×	×←	2163-1019-81	New
Previous	2163-1020-01	——	——	——	New



■本案内状に従い、パーツリストへの転記等、メンテナンスを行なってください。

According to this list, correct "Parts List" in Service Manual for effective parts management.

MINOLTA CO.,LTD.

PML

REF No. 管理No.	QS FA 2163-P005

PARTS MODIFICATION LIST

Division 主管部署	Camera Service Division カメラサービス部
Valid from 施行年月日	October 25. 2001

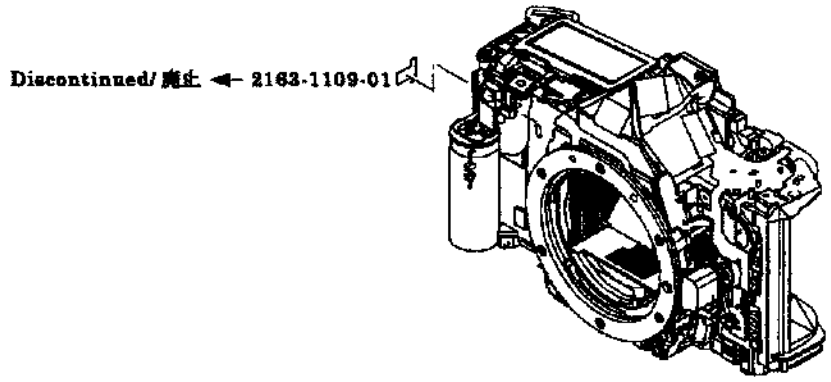
Approved by 承認	Verified by 審査	Written by 作成

Parts List P. 1

2163-795

REASON 変更理由	コストダウン To cut cost	COMMON MODEL 共通機種	2163 Series

Previous	2163-1109-01	——	——	——	New



REF No. 管理No.	QS FA 2163-P006

PARTS MODIFICATION LIST

Division 主管部署	Camera Service Division カメラサービス部
Valid from 施行年月日	October 25. 2001

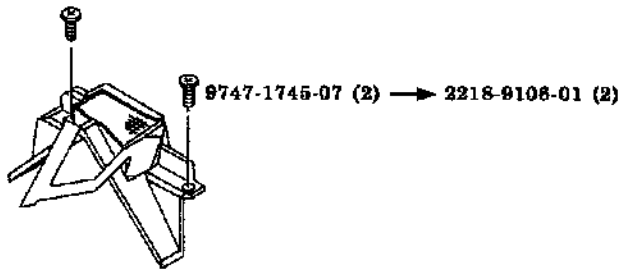
Approved by 承認	Verified by 審査	Written by 作成

Parts List P. 6

2163-816

REASON 変更理由	上カバーとの接触防止 To prevent contact between top cover and screw.	COMMON MODEL 共通機種	2163 Series

Previous	9747-1745-07	——	——	——	New
Previous	——	——	——	2218-9106-01	New



PML

■本案内状に従い、パーツリストへの転記等、メンテナンスを行なってください。

According to this list, correct "Parts List" in Service Manual for effective parts management.

MINOLTA CO.,LTD.

REF No. 管理No.	QS FA 2163-P007

PARTS MODIFICATION LIST

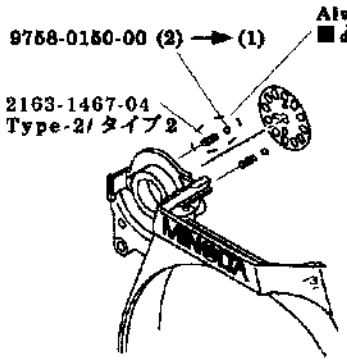
Division 主管部署	Camera Service Division カメラサービス部
Valid from 施行年月日	October 25. 2001

Approved by 承認	Verified by 審査	Written by 作成

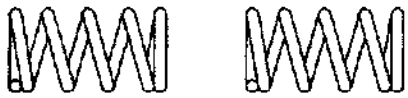
Parts List P. 6

855

REASON 変更理由	ダイヤルの作動(重い)の改善 To improve operation of the control dial.			COMMON MODEL 共通機種	2163 Series	
Previous	2163-1467-01	→○	×←	2163-1467-04		New
Previous	9758-0150-00	——	——	9758-0150-00		New



2163-1467-01 → 2163-1467-04



Diameter of the material:
0.18mm
Qty.: 2
線径：0.18mm
員数：2

Type-1/ タイプ1
Diameter of the material:
0.16mm
Qty.: 2
Not a service part
線径：0.16mm
員数：2
サービス非供給

Type-2/ タイプ2
Diameter of the material:
0.2mm
Qty.: 1
線径：0.2mm
員数：1

REF No. 管理No.	QS FA 2163-P008

PARTS MODIFICATION LIST

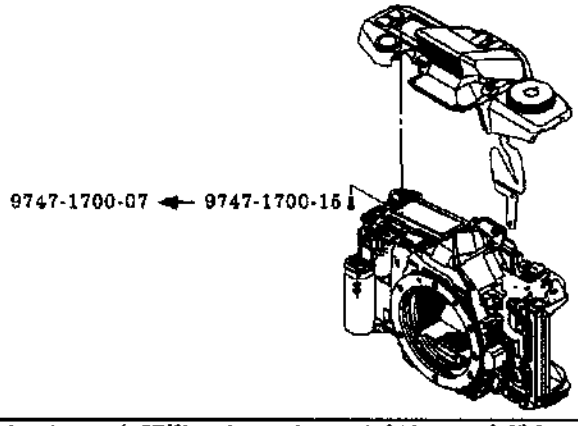
Division 主管部署	Camera Service Division カメラサービス部
Valid from 施行年月日	October 25. 2001

Approved by 承認	Verified by 審査	Written by 作成

Parts List P. 1

2163-844

REASON 変更理由	コストダウン To cut cost			COMMON MODEL 共通機種	2163 Series	
Previous	9747-1700-15	——	——	——		New
Previous	——	——	——	9747-1700-07		New



■本案内状に従い、パーツリストへの転記等、メンテナンスを行なってください。

According to this list, correct "Parts List" in Service Manual for effective parts management.

MINOLTA CO.,LTD.

PML

PARTS MODIFICATION LIST

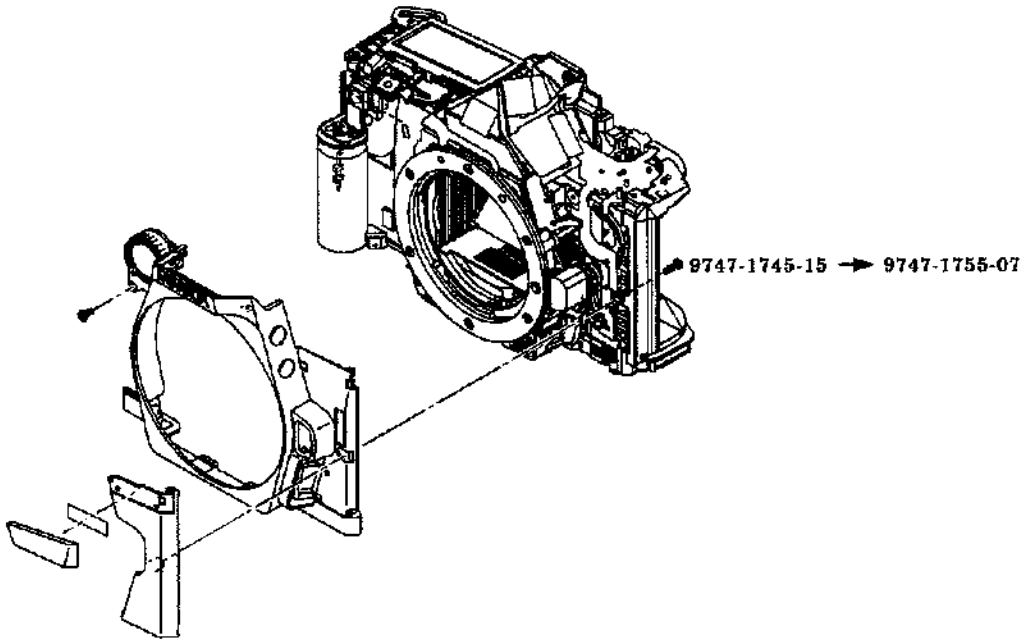
REF No. 管理No.	QS FA 2163-P009
Division 主管部署	Camera Service Division カメラサービス部
Valid from 施行年月日	October 25. 2001

Approved by 承認	Verified by 査定	Written by 作成

Parts List P. 1

2163-854

REASON 変更理由	ネジの緩み防止 To affix the front side cover firmly.			COMMON MODEL 共通機種	2163 Series	
Previous	9747-1745-15	——	——	——		New
Previous	——	——	——	9747-1755-07		New



PML

■本案内状に従い、パーツリストへの転記等、メンテナンスを行なってください。

According to this list, correct "Parts List" in Service Manual for effective parts management.

MINOLTA CO.,LTD.

REF No. 管理No.	QS FA 2163-P010

PARTS MODIFICATION LIST

Division 主管部署	Camera Service Division カメラサービス部
Valid from 施行年月日	November 01. 2001

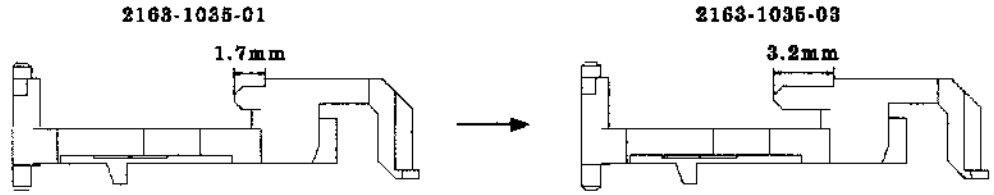
Approved by 承認	Verified by 審査	Written by 作成

Parts List P. 10

2163-812

REASON 変更理由	セーフティロック検知接片の接触安定化 For smoother safety lock detect contact operation.	COMMON MODEL 共通機種	2163 Series

Previous	2163-1035-01	→○	×←	2163-1035-03	New



REF No. 管理No.	QS FA 2163-P011

PARTS MODIFICATION LIST

Division 主管部署	Camera Service Division カメラサービス部
Valid from 施行年月日	November 01. 2001

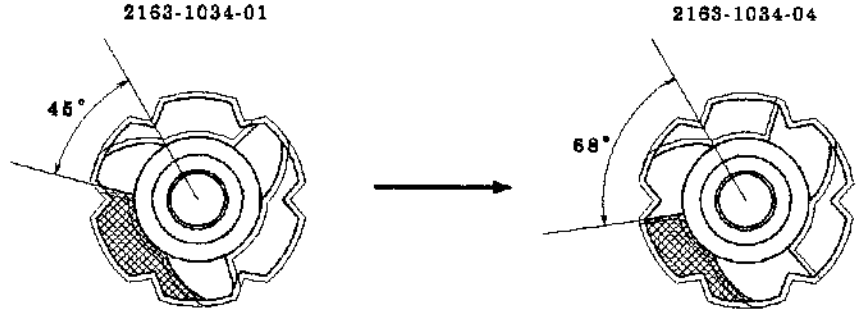
Approved by 承認	Verified by 審査	Written by 作成

Parts List P. 10

2163-814

REASON 変更理由	セーフティロック機能せずの改善 To improve safety lock operation.	COMMON MODEL 共通機種	2163 Series

Previous	2163-1034-01	→○	×←	2163-1034-04	New



PML

■本案内状に従い、パーツリストへの転記等、メンテナンスを行なってください。

According to this list, correct "Parts List" in Service Manual for effective parts management.

MINOLTA CO.,LTD.

REF No. 管理No.	QS FA 2163-P012

PARTS MODIFICATION LIST

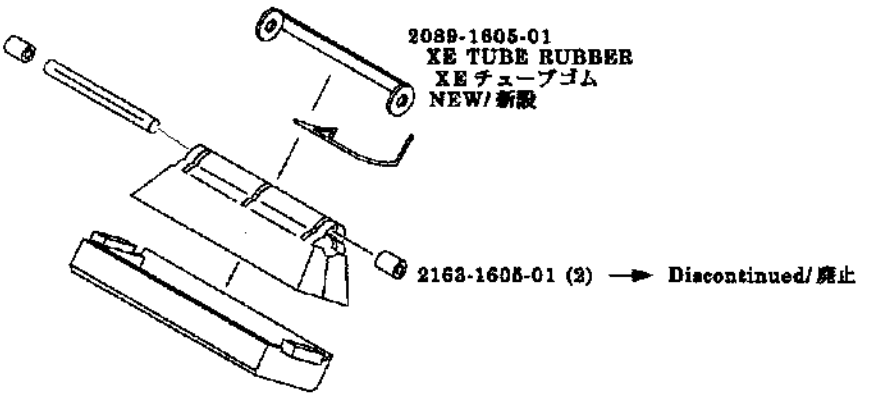
Division 主管部署	Camera Service Division カメラサービス部
Valid from 施行年月日	November 01. 2001

Approved by 承認	Verified by 審査	Written by 作成

Parts List P. 11

2163-832

REASON 変更理由	XEチューブのスパーク防止 To prevent the xe-tube sparking.			COMMON MODEL 共通機種	2163 Series
Previous	2163-1605-01	——	——	——————	New
Previous	——————	——	——	2089-1605-01	New



PML

■本案内状に従い、パーツリストへの転記等、メンテナンスを行なってください。

According to this list, correct "Parts List" in Service Manual for effective parts management.

MINOLTA CO.,LTD.

REF No. 管理No.	QS FA 2163-P013

PARTS MODIFICATION LIST

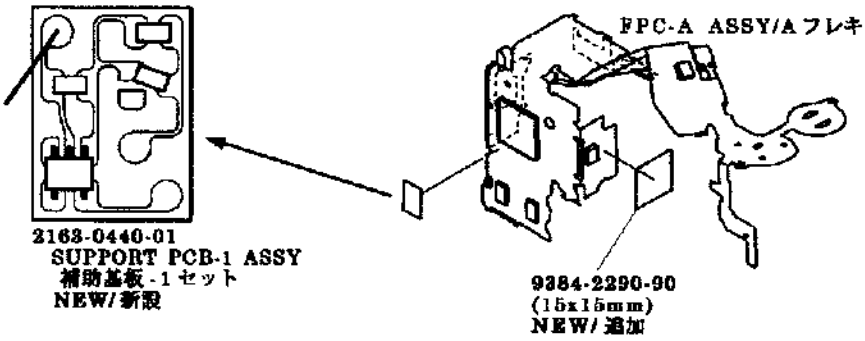
Division 主管部署	Camera Service Division カメラサービス部
Valid from 施行年月日	November 01. 2001

Approved by 承認	Verified by 査定	Written by 作成

Parts List P. 2, 15

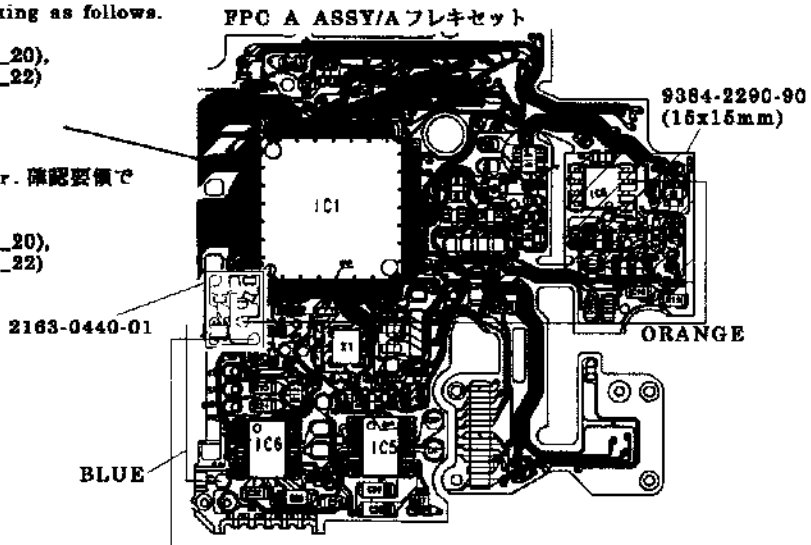
2163-848

REASON 変更理由	電池装着でEEPROMデータ変化に対する改善 To prevent writing in the wrong data to EEPROM while attaching batteries.			COMMON MODEL 共通機種	2163-090, -296, -495, -695
Previous	———	——	——	2163-0440-01	New
Previous	———	——	——	(9391-0807-06)	New
Previous	———	——	——	9391-0807-03	New
Previous	———	——	——	9384-2290-90	New



Flash memory type
M30220FCRP (Ver. 03_22)
Refer to IC-1 version checking as follows.
Mask type
M30220MA-110RP (Ver. 03_20),
M30220MA-112RP (Ver. 03_22)

フラッシュ版
M30220FCRP (Ver. 03_22)
※フラッシュ版は下記のVer.確認要領で
Ver.を確認すること。
MASK版
M30220MA-110RP (Ver. 03_20),
M30220MA-112RP (Ver. 03_22)



W35/BLACK
Solder the lead wire W35 to designated position.
■半田位置変更

Will add this part for IC-1 ver. 03_22 or earlier.
While all displays on is selected, pressing the spot-AE lock button shows the IC-1 version in the data panel.
(Refer to pg.77 of Repair Guide.)
・IC-1のVer.（Ver. 03_20およびVer. 03_22）に使用すること。
■Ver.確認要領：LCD全点灯(修理編P.77参照)より、SPOT測押し込みでVer.表示を行う。

■本案内状に従い、パーツリストへの転記等、メンテナンスを行なってください。
According to this list, correct "Parts List" in Service Manual for effective parts management.

MINOLTA CO.,LTD.

PML

PARTS MODIFICATION LIST

REF No. 管理No.	QS FA 2163-P014

Division 主管部署	Camera Service Division カメラサービス部
Valid from 施行年月日	November 01. 2001

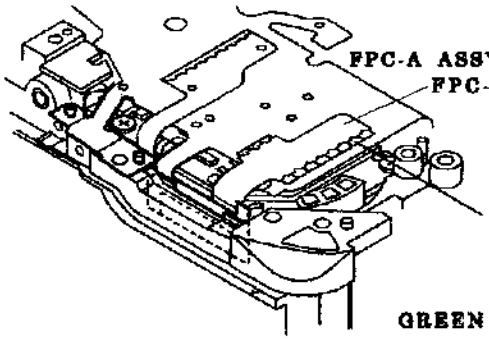
Approved by 承認	Verified by 査定	Written by 作成

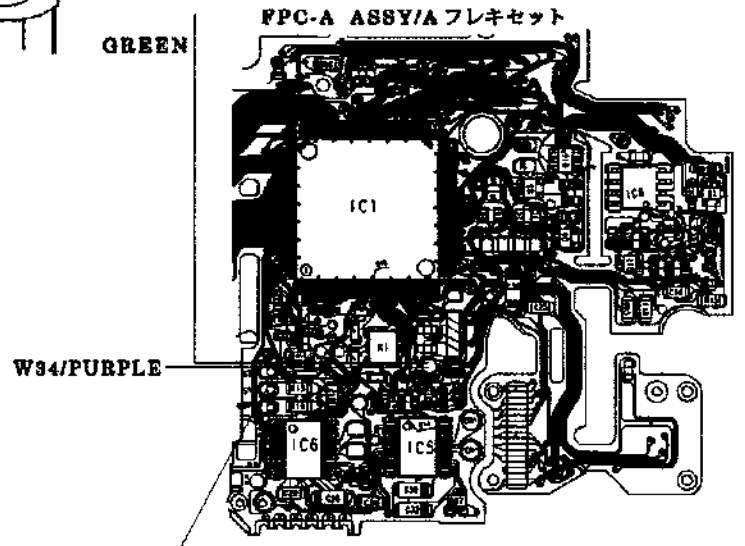
Parts List P. 15

2163-848

REASON 変更理由	電池装着でEEPROMデータ変化に対する改善 To prevent writing in the wrong data to EEPROM while attaching batteries.	COMMON MODEL 共通機種	2163-196, -395

Previous	———	——	——	9391-0807-05	New





Flash memory type
M30220FCRP (Ver. 03_22)
Refer to IC-1 version checking as follows.
Mask type
M30220MA-110RP (Ver. 03_20), M30220MA-112RP (Ver. 03_22)

フラッシュ版
M30220FCRP (Ver. 03_22)
※フラッシュ版は下記のVer.確認要領でVer.を確認すること。
MASK版
M30220MA-110RP (Ver. 03_20), M30220MA-112RP (Ver. 03_22)

PML

Will add this part for IC-1 ver. 03_22 or earlier.
While all displays on is selected, pressing the spot-AE lock button shows the IC-1 version in the data panel.
(Refer to pg.77 of Repair Guide.)
・IC-1のVer.（Ver. 03_20およびVer. 03_22）に使用すること。
■Ver.確認要領：LCD全点灯(修理編P.77参照)より、SPOT測押し込みでVer.表示を行う。

■本案内状に従い、パーツリストへの転記等、メンテナンスを行なってください。
According to this list, correct "Parts List" in Service Manual for effective parts management.

MINOLTA CO.,LTD.

(2163)A 11

PARTS MODIFICATION LIST

REF No. 管理No.	QS FA 2163-P015

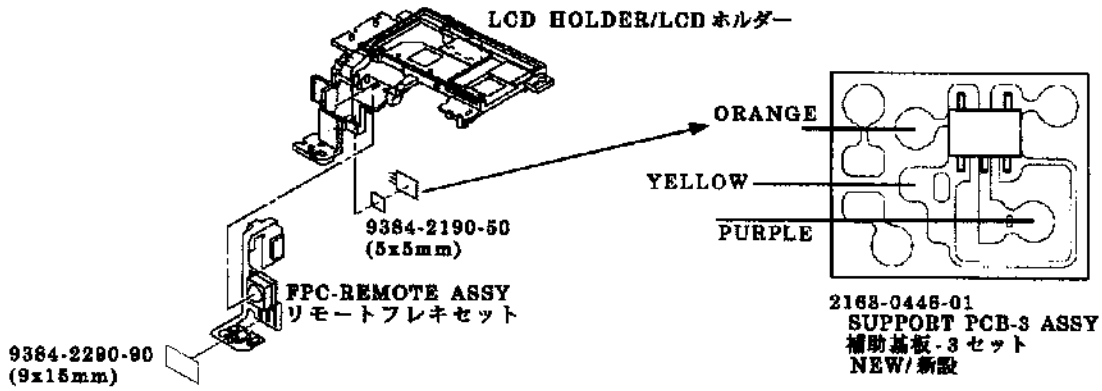
Division 主管部署	Camera Service Division カメラサービス部
Valid from 施行年月日	November 01. 2001

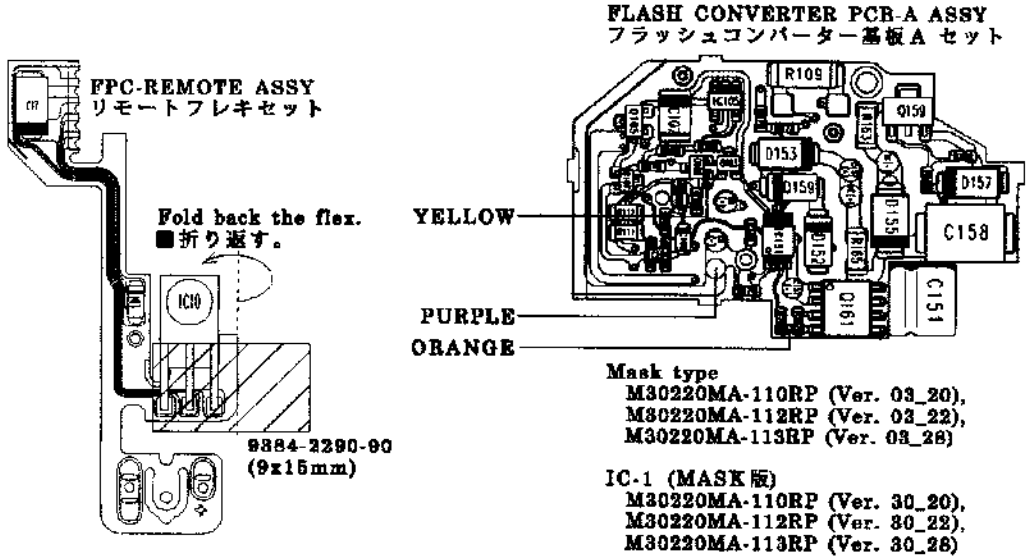
Approved by 承認	Verified by 審査	Written by 作成

Parts List P. 2, 15

2163-861

REASON 変更理由	電池装着で内蔵フラッシュがチョビ発光に対する改善 To prevent firing the built-in flash with minimum output while attaching batteries.			COMMON MODEL 共通機種	2163 Series
Previous	———	——	——	2163-0446-01	New
Previous	———	——	——	(9391-0807-03)	New
Previous	———	——	——	(9391-0807-04)	New
Previous	———	——	——	(9391-0807-07)	New
Previous	———	——	——	9384-2190-50	New
Previous	———	——	——	9384-2290-90	New





Will add this part for IC-1 (ver. 03_28 or earlier) of mask type.
While all displays on is selected, pressing the spot-AE lock button shows the IC-1 version in the data panel. (Refer to pg.77 of Repair Guide.)
・IC-1がMASK版のみでVer.（Ver. 03_20、Ver. 03_22およびVer. 03_28）に使用すること。
■Ver.確認要領：LCD全点灯(修理編P.77参照)より、SPOT測押し込みでVer.表示を行う。

PML

■本案内状に従い、パーツリストへの転記等、メンテナンスを行なってください。
According to this list, correct "Parts List" in Service Manual for effective parts management.

MINOLTA CO.,LTD.

REF No. 管理No.	QS FA 2163-P016

PARTS MODIFICATION LIST

Division 主管部署	Camera Service Division カメラサービス部
Valid from 施行年月日	November 01. 2001

Approved by 承認	Verified by 確認	Written by 作成

Parts List P. 2, 15

2163-862

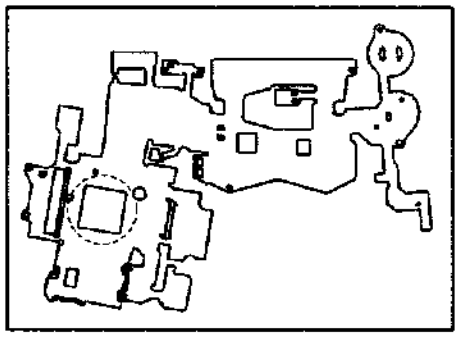
REASON 変更理由	ROMバージョンアップ ROM version update			COMMON MODEL 共通機種	2163-090, -296, -495, -695
Previous	2163-0462-01	→×	×←	2163-0462-02	New

2163-0462-01
Flash memory/フラッシュ版
M30220FCRP (Ver. 03_22)
Mask type/MASK版
M30220MA-110RP (Ver. 03_20)
M30220MA-112RP (Ver. 03_22)

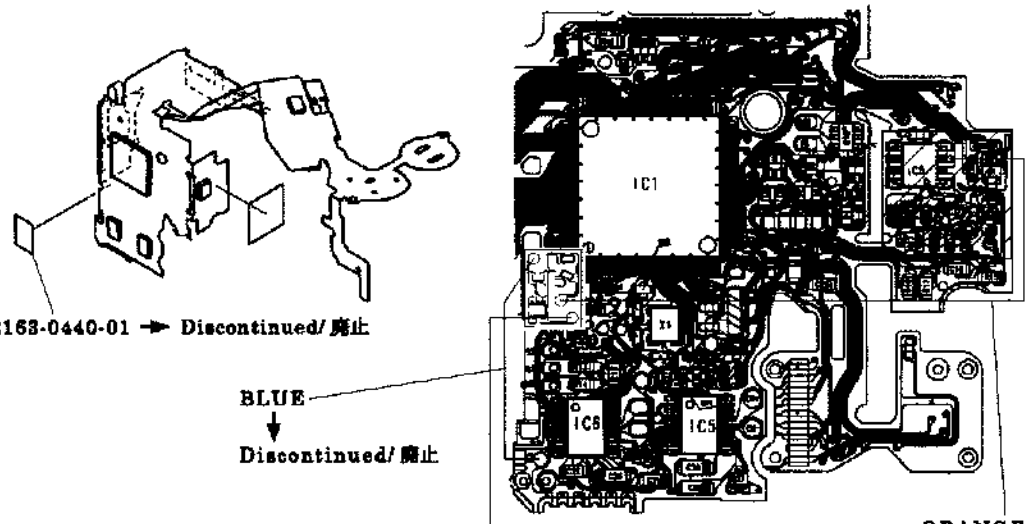
↓

2163-0462-02
Flash memory/フラッシュ版
M30220FCRP (Ver. 03_26) or later/以降
Mask type/MASK版
M30220MA-113RP (Ver. 03_28) or later/以降

2163-0462



Previous	2163-0440-01	→×	×←	———	New
Previous	(9391-0807-06)	→×	×←	———	New
Previous	9391-0807-03	→×	×←	———	New



2163-0440-01 → Discontinued/廃止

BLUE
↓
Discontinued/廃止

W35/BLACK
Solder the lead wire W35 to original position.
※半田位置を戻す。

ORANGE
↓
Discontinued/廃止

PML

While all displays on is selected, pressing the spot-AE lock button shows the IC-1 version in the data panel.
(Refer to pg.77 of Repair Guide.)
■Ver.確認要領：LCD全点灯(修理編P.77参照)より、SPOT釦押し込みでVer.表示を行う。

Interchangeability as a set/セットでの互換性	Previous	→○	○←	New

■本案内状に従い、パーツリストへの転記等、メンテナンスを行なってください。

According to this list, correct "Parts List" in Service Manual for effective parts management.

MINOLTA CO.,LTD.

PARTS MODIFICATION LIST

REF No. 管理No.	QS FA 2163-P017

Division 主管部署	Camera Service Division カメラサービス部
Valid from 施行年月日	November 01. 2001

Approved by 承認	Verified by 審査	Written by 作成

Parts List P. 2, 15

2163-862

REASON 変更理由	ROMバージョンアップ ROM version update	COMMON MODEL 共通機種	2163-196, -395

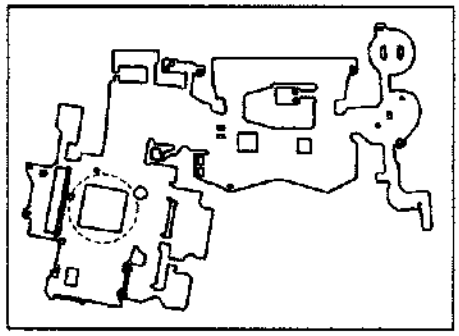
Previous	2163-0408-01	→×	×←	2163-0408-02	New

2163-0408-01
Flash memory/フラッシュ版
M30220FCRP (Ver. 03_22)
Mask type/MASK版
M30220MA-110RP (Ver. 03_20)
M30220MA-112RP (Ver. 03_22)

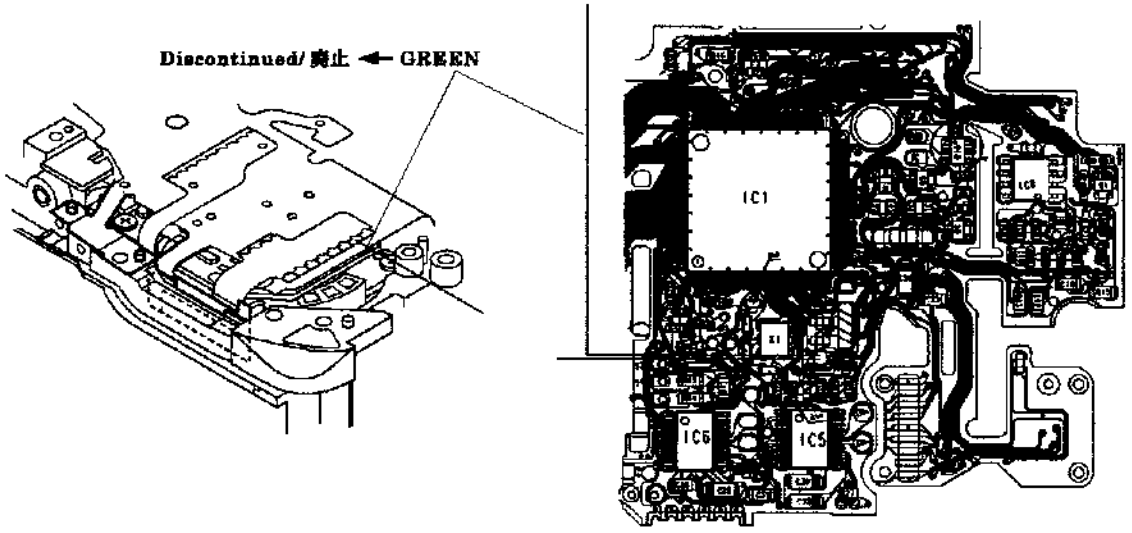
↓

2163-0408-02
Flash memory/フラッシュ版
M30220FCRP (Ver. 03_26) or later/以降
Mask type/MASK版
M30220MA-113RP (Ver. 03_28) or later/以降

2163-0408



Previous	9391-0807-05	→×	×←	——	New



While all displays on is selected, pressing the spot-AE lock button shows the IC-1 version in the data panel.
(Refer to pg.77 of Repair Guide.)
■Ver.確認要領：LCD全点灯(修理編P.77参照)より、SPOT釦押し込みでVer.表示を行う。

Interchangeability as a set/セットでの互換性	Previous	→○	○←	New

■本案内状に従い、パーツリストへの転記等、メンテナンスを行なってください。

According to this list, correct "Parts List" in Service Manual for effective parts management.

MINOLTA CO.,LTD.

PML

PARTS MODIFICATION LIST

REF No. 管理No.	QS FA 2163-P018

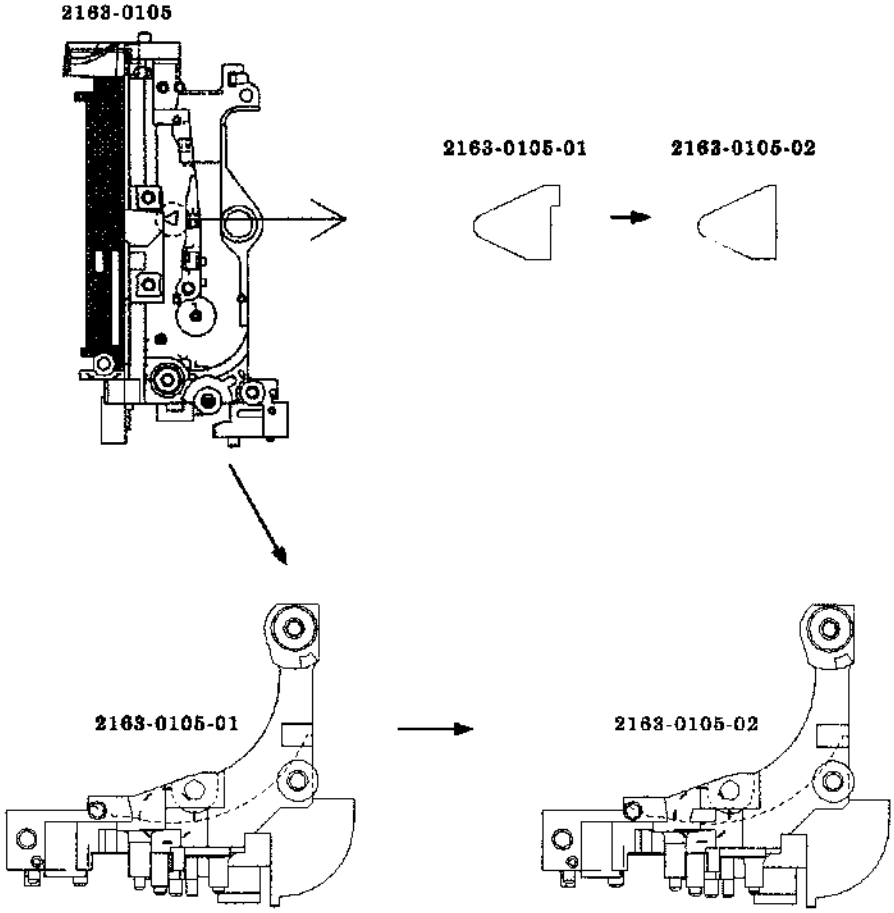
Division 主管部署	Camera Service Division カメラサービス部
Valid from 施行年月日	November 15. 2001

Approved by 承認	Verified by 審査	Written by 作成

Parts List P. 10

2163-824

REASON 変更理由	セーフティロック検知接片の接触安定化 For smoother safety lock detect contact operation.			COMMON MODEL 共通機種	2163 Series	
Previous	2163-0105-01	→○	×←	2163-0105-02		New



PML

■本案内状に従い、パーツリストへの転記等、メンテナンスを行なってください。

According to this list, correct "Parts List" in Service Manual for effective parts management.

MINOLTA CO.,LTD.

PARTS MODIFICATION LIST

REF No. 管理No.	QS FA 2163-P019

Division 主管部署	Camera Service Division カメラサービス部
Valid from 施行年月日	November 15. 2001

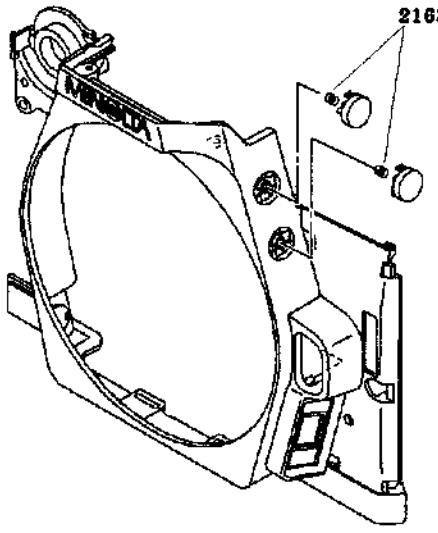
Approved by 承認	Verified by 審査	Written by 作成

Parts List P. 13

2163-900

REASON 変更理由	コストダウン To cut cost	COMMON MODEL 共通機種	2163 Series

Previous	2163-1482-01	—	—	—	New



PML

■本案内状に従い、パーツリストへの転記等、メンテナンスを行なってください。

According to this list, correct "Parts List" in Service Manual for effective parts management.

MINOLTA CO.,LTD.

PARTS MODIFICATION LIST

REF No. 管理No.	QS FA 2163-P020
Division 主管部署	Camera Service Division カメラサービス部
Valid from 施行年月日	February 28. 2002

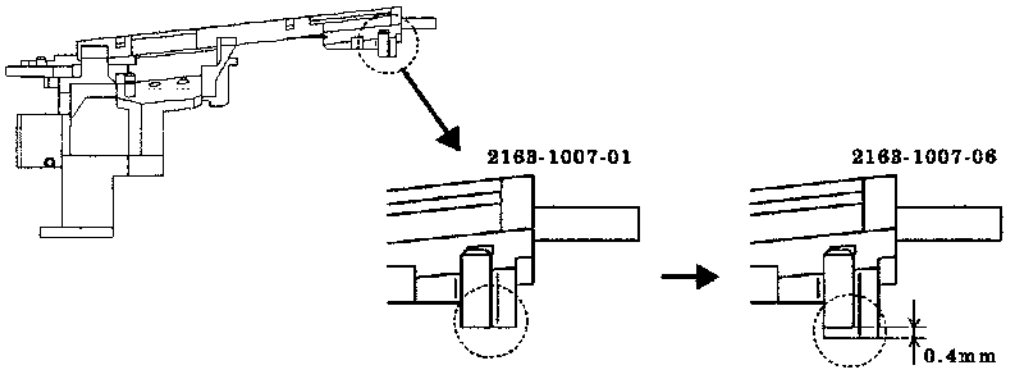
Approved by 承認	Verified by 査定	Written by 作成

Parts List P. 2

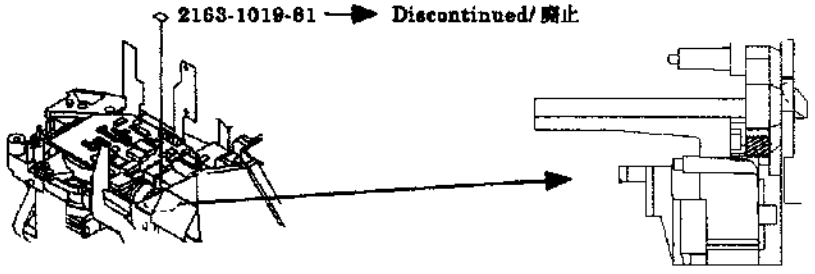
2163-794

REASON 変更理由	生産都合 For efficient production	COMMON MODEL 共通機種	2163-Series

Previous	2163-1007-01	→×	×←	2163-1007-06	New



Previous	2163-1019-81	→×	×←	———	New



Interchangeability as a set/セットでの互換性	Previous	→○	○←	New

■本案内状に従い、パーツリストへの転記等、メンテナンスを行なってください。

According to this list, correct "Parts List" in Service Manual for effective parts management.

MINOLTA CO.,LTD.

PML

PARTS MODIFICATION LIST

REF No. 管理No.	QS FA 2163-P021

Division 主管部署	Camera Service Division カメラサービス部
Valid from 施行年月日	March 22. 2002

Approved by 承認	Verified by 審査	Written by 作成

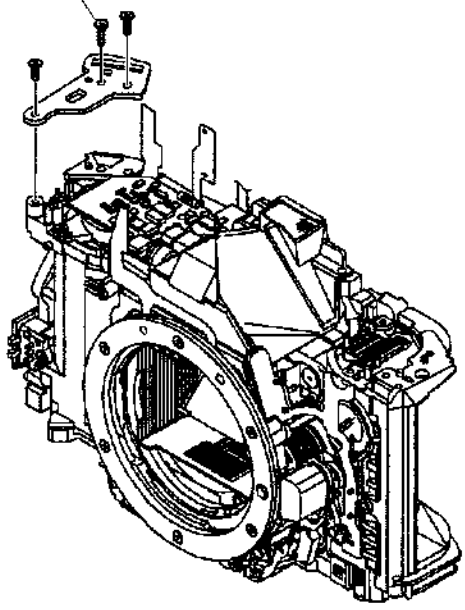
Parts List P. 2

仮-795

REASON 変更理由	コストダウン To cut cost	COMMON MODEL 共通機種	2163 Series

Previous	9761-2055-07	——	——	——	New

9761-2055-07 → Discontinued/廃止



PML

■本案内状に従い、パーツリストへの転記等、メンテナンスを行なってください。

According to this list, correct "Parts List" in Service Manual for effective parts management.

MINOLTA CO.,LTD.

PARTS MODIFICATION LIST

REF No. 管理No.	QS FA 2163-P022

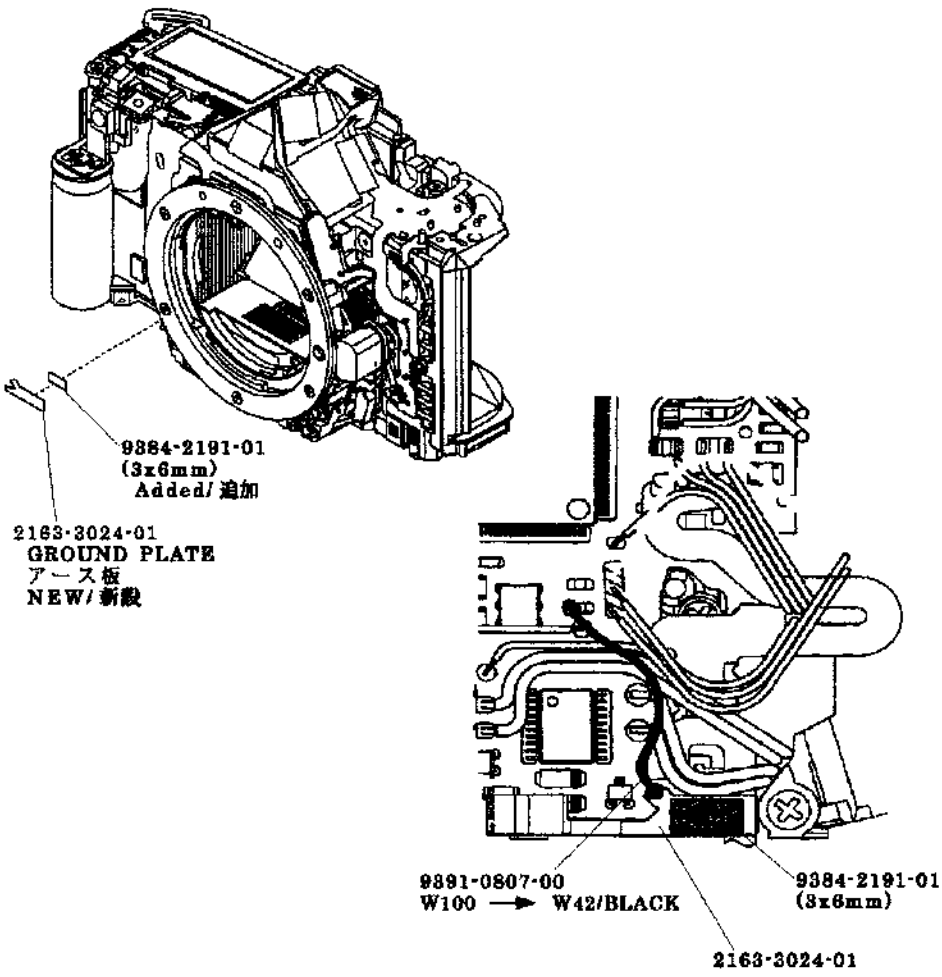
Division 主管部署	Camera Service Division カメラサービス部
Valid from 施行年月日	March 28. 2002

Approved by 承認	Verified by 査定	Written by 作成

Parts List P. 1, 15

2163-867

REASON 変更理由	静電気対策 To prevent static electricity			COMMON MODEL 共通機種	2163 Series
Previous	————	——	——	2163-3024-01	New
Previous	————	——	——	9384-2191-01	New
Previous	9391-0807-00	——	——	9391-0807-00	New



Remove the lead wire W100 between Body and WINDING BASEPLATE ASSY, and solder it to the illustrated position as lead wire W42.
W100を廃止し、W42とし図のように半田付けする。

■本案内状に従い、パーツリストへの転記等、メンテナンスを行なってください。
According to this list, correct "Parts List" in Service Manual for effective parts management.

MINOLTA CO.,LTD.

PML

PARTS MODIFICATION LIST

REF No. 管理No.	QS FA 2163-P023

Division 主管部署	Camera Service Division カメラサービス部
Valid from 施行年月日	June 20. 2002

Approved by 承認	Verified by 審査	Written by 作成

Parts List P. 2, 15

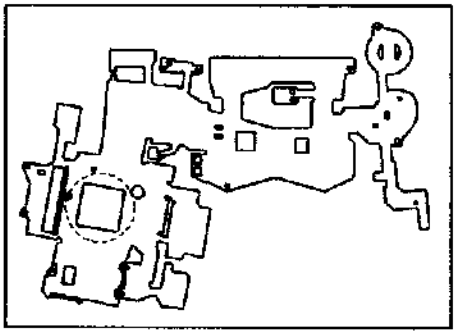
2163-880

REASON 変更理由	ROMバージョンアップ ROM version update			COMMON MODEL 共通機種	2163-Series	
Previous	2163-0408-02	→×	×←	2163-0408-03		New
Previous	2163-0462-02	→×	×←	2163-0462-03		New

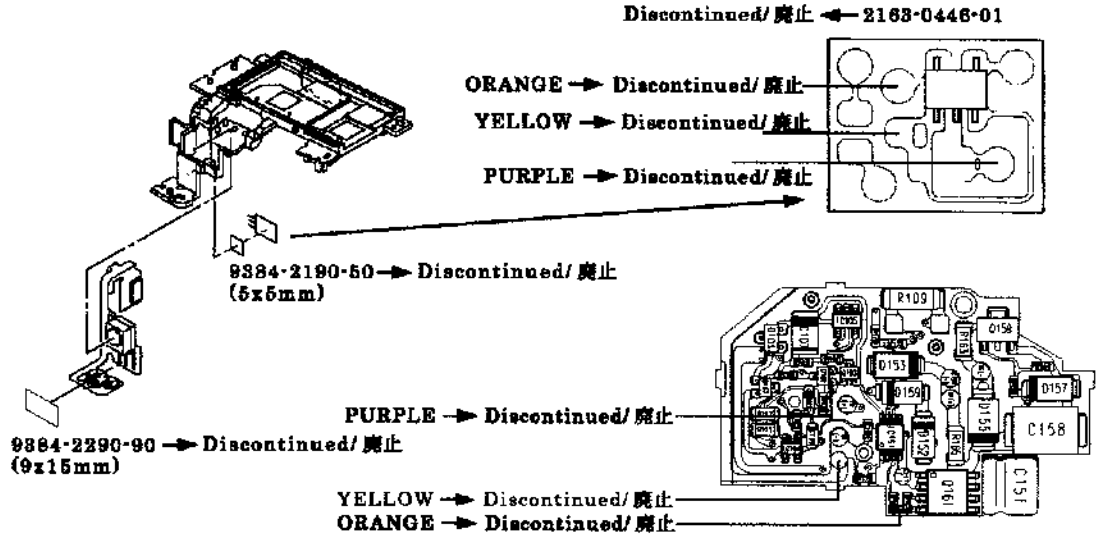
2163-0408-02/2163-0462-02
Flash memory/フラッシュ版
M30220FCRP (Ver. 03_26)
Mask type/MASK版
M30220MA-113RP (Ver. 03_28)

↓

2163-0408-03/2163-0462-03
Mask type/MASK版
M30220MA-117RP (Ver. 03_49) or later/以降



Previous	2163-0446-01	→×	×←	———	New
Previous	(9391-0807-03)	→×	×←	———	New
Previous	(9391-0807-04)	→×	×←	———	New
Previous	(9391-0807-07)	→×	×←	———	New
Previous	9384-2190-50	→×	×←	———	New
Previous	9384-2290-90	→×	×←	———	New



While all displays on is selected, pressing the spot-AE lock button shows the IC-1 version in the data panel. (Refer to pg.77 of Repair Guide.)
■Ver.確認要領：LCD全点灯(修理編P.77参照)より、SPOT釦押し込みでVer.表示を行う。

Interchangeability as a set/セットでの互換性	Previous	→○	○←	New

■本案内状に従い、パーツリストへの転記等、メンテナンスを行なってください。
According to this list, correct "Parts List" in Service Manual for effective parts management.

MINOLTA CO.,LTD.

PML

REF No. 管理No.	QS FA 2163-P024

PARTS MODIFICATION LIST

Division 主管部署	Camera Service Division カメラサービス部
Valid from 施行年月日	June 20. 2002

Approved by 承認	Verified by 審査	Written by 作成

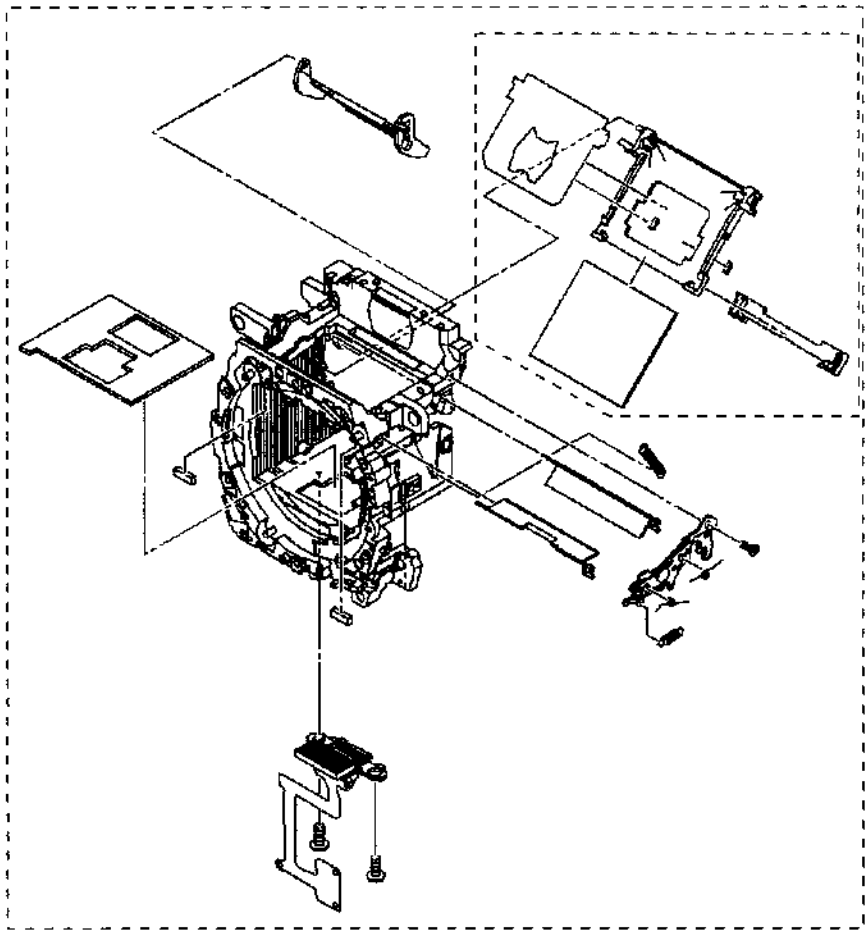
Parts List P. 6, 7, 8, 9

仮-794

REASON 変更理由	サービス供給部品として設定する To supply as a spare part for PANORAMA MODEL.	COMMON MODEL 共通機種	2163-090, -091, -690, -695

Previous	———	——	——	2163-0700-01	New

2163-0700-01
MIRROR BOX ASSY (PANORAMA)
ミラーボックスセット （パノラマ）
NEW/ 新設



PML

Use the original Mirror Box Assy (#2163-0500-01) for DYNAX/MAXXUM 5 (#2163-196, -296, -395 and -495)
現在供給の2163-0500-01は、"NORMAL MODEL"に使用して下さい。

■本案内状に従い、パーツリストへの転記等、メンテナンスを行なってください。
According to this list, correct "Parts List" in Service Manual for effective parts management.

MINOLTA CO.,LTD.

PARTS MODIFICATION LIST

REF No. 管理No.	QS FA 2163-P025

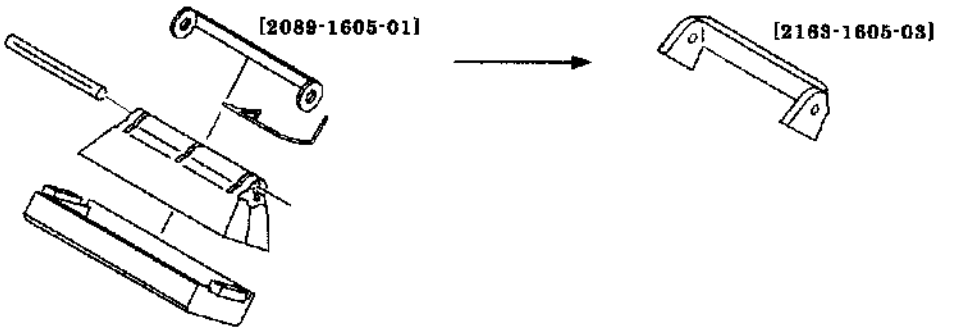
Division 主管部署	Camera Service Division カメラサービス部
Valid from 施行年月日	June 20. 2002

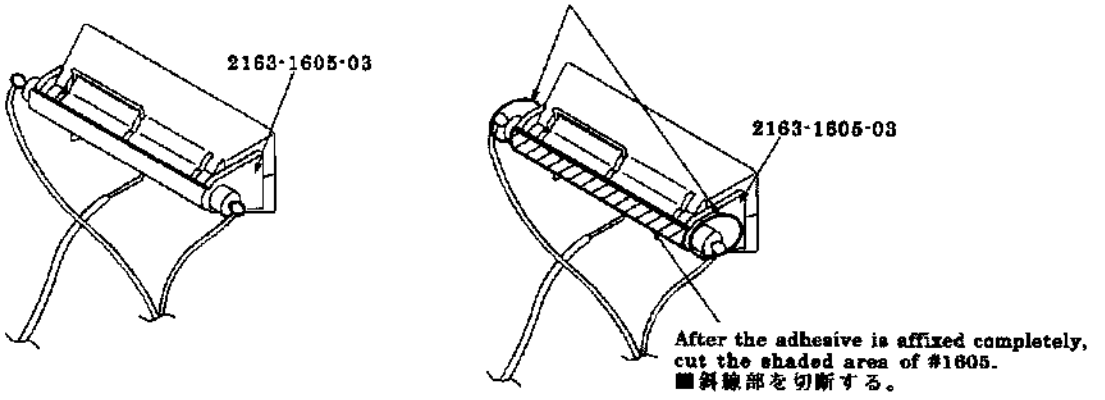
Approved by 承認	Verified by 審査	Written by 作成

Parts List P. 11

2163-853

REASON 変更理由	XEチューブのスパーク防止 To prevent the xe-tube sparking.			COMMON MODEL 共通機種	2163 Series
Previous	2089-1605-01	——	——	——	New
Previous	——	——	——	2163-1605-03	New




Apply B-50 to the ends of the XE-tube.
B-50 を塗布
2163-1605-03
2163-1605-03
After the adhesive is affixed completely, cut the shaded area of #1605.
■斜線部を切断する。

PML

■本案内状に従い、パーツリストへの転記等、メンテナンスを行なってください。

According to this list, correct "Parts List" in Service Manual for effective parts management.

MINOLTA CO.,LTD.

REF No. 管理No.	QS FA 2163-P026

PARTS MODIFICATION LIST

Division 主管部署	Camera Service Division カメラサービス部
Valid from 施行年月日	June 20. 2002

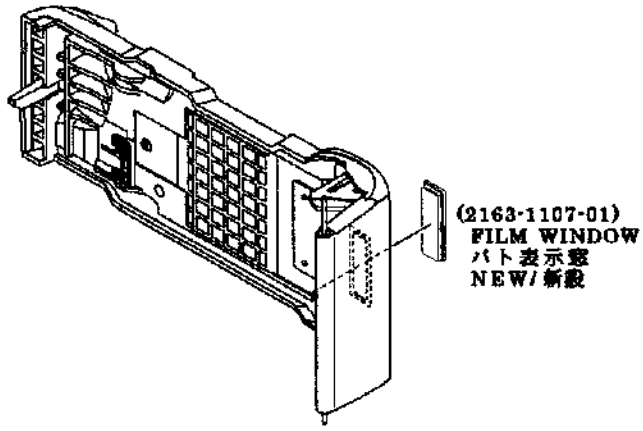
Approved by 承認	Verified by 審査	Written by 作成

Parts List P. 14

仮-790

REASON 変更理由	サービス供給部品として設定する To supply as a spare part	COMMON MODEL 共通機種	2163 Series

Previous	———	——	——	(2163-1107-01)	New



REF No. 管理No.	QS FA 2163-P027

PARTS MODIFICATION LIST

Division 主管部署	Camera Service Division カメラサービス部
Valid from 施行年月日	June 20. 2002

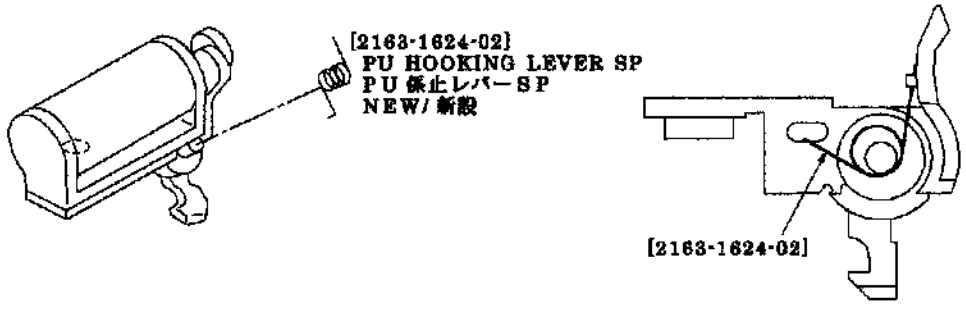
Approved by 承認	Verified by 審査	Written by 作成

Parts List P. 12

2163-914

REASON 変更理由	フラッシュ係止の改善 Remedy for the built-in flash pop-up easily	COMMON MODEL 共通機種	2163 Series

Previous	———	——	——	[2163-1624-02]	New



PML

■本案内状に従い、パーツリストへの転記等、メンテナンスを行なってください。

According to this list, correct "Parts List" in Service Manual for effective parts management.

MINOLTA CO.,LTD.

REF No. 管理No.	QS FA 2163-P028

PARTS MODIFICATION LIST

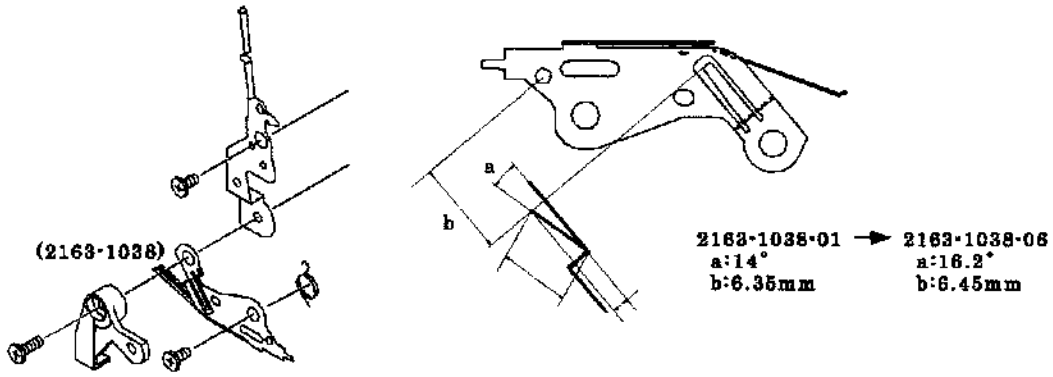
Division 主管部署	Camera Service Division カメラサービス部
Valid from 施行年月日	June 20. 2002

Approved by 承認	Verified by 審査	Written by 作成

Parts List P. 10

2163-920

REASON 変更理由	セーフティロック切替えカムへの乗り上げ防止 To improve the safety lock changeover cam operation			COMMON MODEL 共通機種	2163 Series	
Previous	(2163-1038-01)	→○	×←	(2163-1038-06)		New



REF No. 管理No.	QS FA 2163-P029

PARTS MODIFICATION LIST

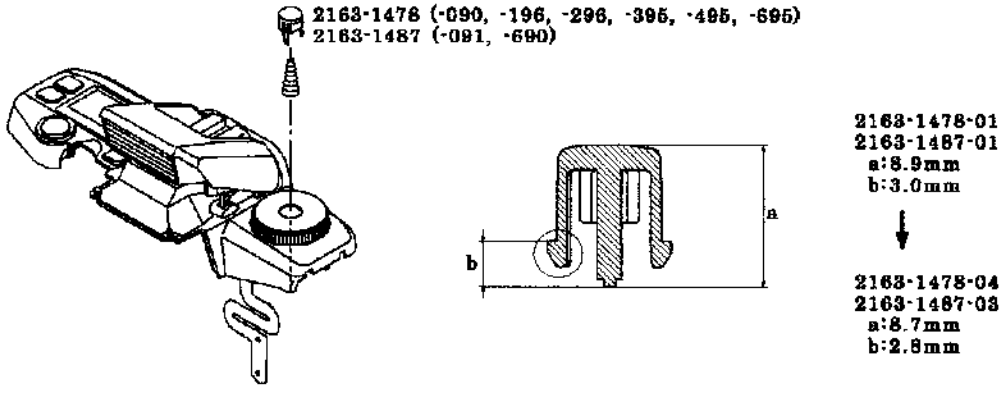
Division 主管部署	Camera Service Division カメラサービス部
Valid from 施行年月日	June 20. 2002

Approved by 承認	Verified by 審査	Written by 作成

Parts List P. 1, 17

2163-921

REASON 変更理由	ファンクションダイヤル操作でのファンクション釦ON防止 To protect SFUNC ON by turning the function dial			COMMON MODEL 共通機種	2163 Series	
Previous	2163-1478-01	→○	×←	2163-1478-04		New
Previous	2163-1487-01	→○	×←	2163-1487-03		New



■本案内状に従い、パーツリストへの転記等、メンテナンスを行なってください。

According to this list, correct "Parts List" in Service Manual for effective parts management.

MINOLTA CO.,LTD.

PML

PARTS MODIFICATION LIST

REF No. 管理No.	QS FA 2163-P030

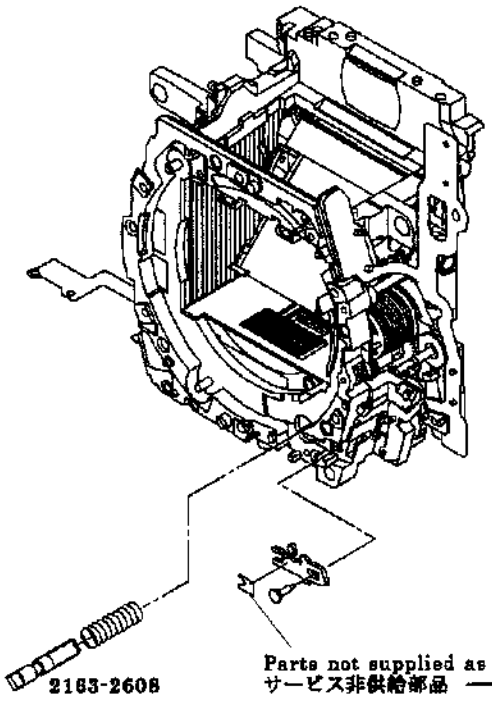
Division 主管部署	Camera CS Division カメラCS部
Valid from 施行年月日	July 25. 2002

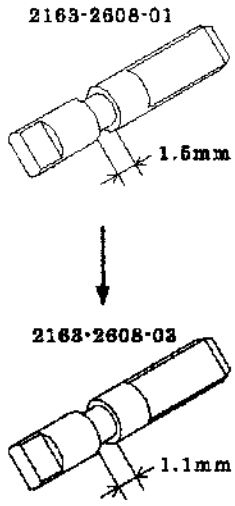
Approved by 承認	Verified by 審査	Written by 作成

Parts List P. 7

2163-851

REASON 変更理由	AF切替え作動の改善 To improve AF SW			COMMON MODEL 共通機種	2163 Series
Previous	2163-2608-01	→×	×←	2163-2608-03	New
Previous	サービス非供給部品 Parts not supplied as a service part	→×	×←	————	New





2163-2608

Parts not supplied as a service part ⟶ Discontinued
サービス非供給部品 ⟶ 廃止

PML

■本案内状に従い、パーツリストへの転記等、メンテナンスを行なってください。

According to this list, correct "Parts List" in Service Manual for effective parts management.

MINOLTA CO.,LTD.

REF No. 管理No.	QS FA 2163-P031

PARTS MODIFICATION LIST

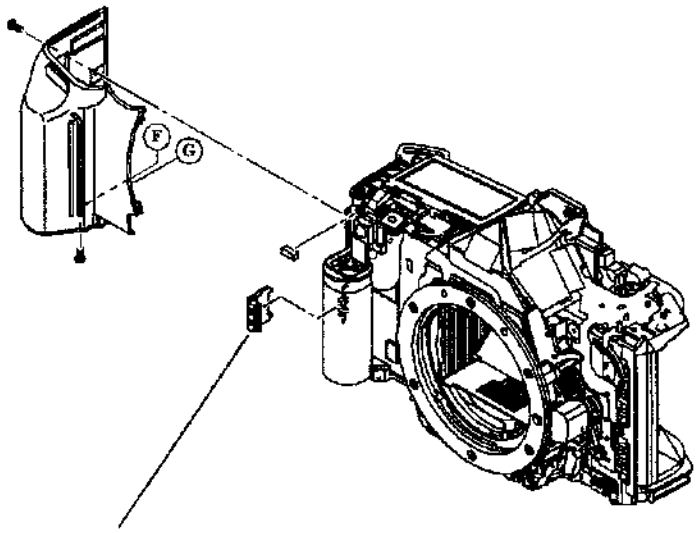
Division 主管部署	Camera CS Division カメラCS部
Valid from 施行年月日	September 12. 2002

Approved by 承認	Verified by 査定	Written by 作成

Parts List P. 1

2163-901

REASON 変更理由	リモートターミナルキャップ破損防止 To prevent remote terminal cap from breakage			COMMON MODEL 共通機種	2163 Series	
Previous	2163-1127-01	→○	×←	2163-1127-05		New



2163-1127-01 → 2163-1127-05

Only the hardness of the parts was changed, and Type -01 and -05 of #2163-1127 have no visual difference.
Please handle carefully by parts number.

硬さのみ変更
部品の見分けが出来ないため部品Ｎｏ．で管理して下さい。

PML

■本案内状に従い、パーツリストへの転記等、メンテナンスを行なってください。

According to this list, correct "Parts List" in Service Manual for effective parts management.

MINOLTA CO.,LTD.

REF No. 管理No.	QS FA 2163-P032

PARTS MODIFICATION LIST

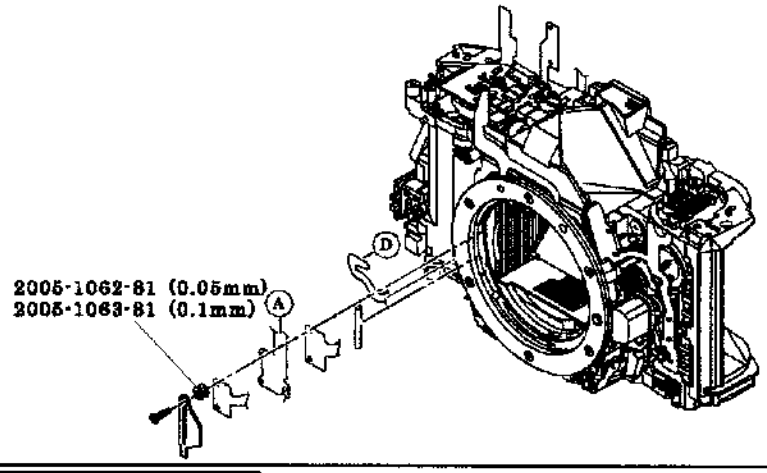
Division 主管部署	Camera CS Division カメラCS部
Valid from 施行年月日	October 10. 2002

Approved by 承認	Verified by 審査	Written by 作成

Parts List P. 2

2163-950

REASON 変更理由	三層部圧接不良の改善 To secure connection			COMMON MODEL 共通機種	2163 Series
Previous	———	→—	—←	2005-1062-81	New
Previous	———	→—	—←	2005-1063-81	New



REF No. 管理No.	QS FA 2163-P033

PARTS MODIFICATION LIST

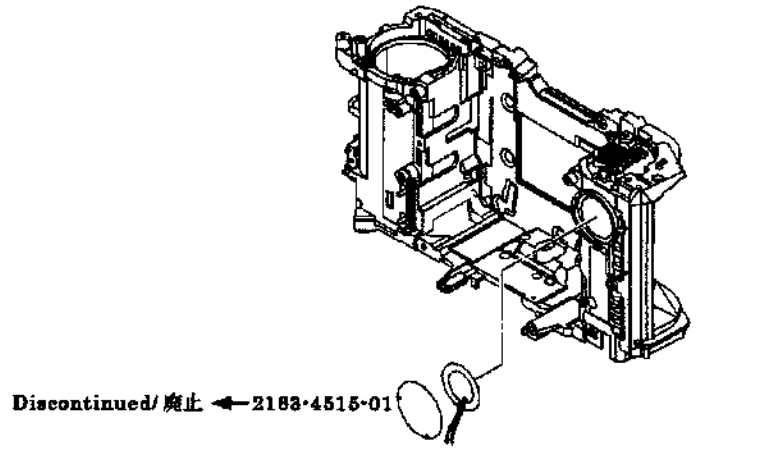
Division 主管部署	Camera CS Division カメラCS部
Valid from 施行年月日	October 10. 2002

Approved by 承認	Verified by 審査	Written by 作成

Parts List P. 5

2163-979

REASON 変更理由	コストダウン To cut cost			COMMON MODEL 共通機種	2163 Series
Previous	2163-4515-01	→—	—←	———	New



PML

■本案内状に従い、パーツリストへの転記等、メンテナンスを行なってください。

According to this list, correct "Parts List" in Service Manual for effective parts management.

MINOLTA CO.,LTD.

REF No. 管理No.	QS FA 2163-P034

PARTS MODIFICATION LIST

Division 主管部署	Camera CS Division カメラCS部
Valid from 施行年月日	October 10. 2002

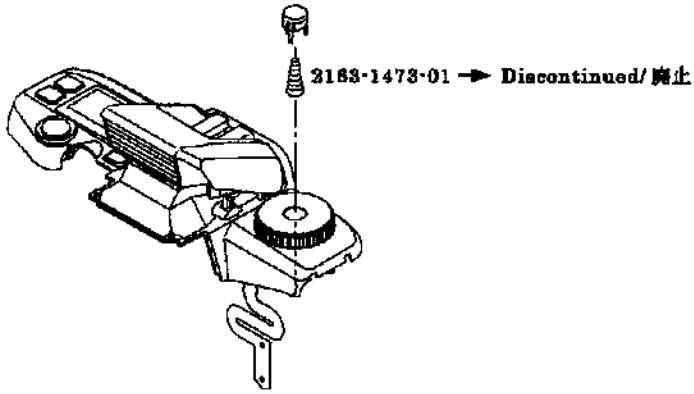
Approved by 承認	Verified by 審査	Written by 作成

Parts List P. 1

2163-980

REASON 変更理由	コストダウン To cut cost	COMMON MODEL 共通機種	2163 Series

Previous	2163-1473-01	→	←	———	New



REF No. 管理No.	QS FA 2163-P035

PARTS MODIFICATION LIST

Division 主管部署	Camera CS Division カメラCS部
Valid from 施行年月日	October 10. 2002

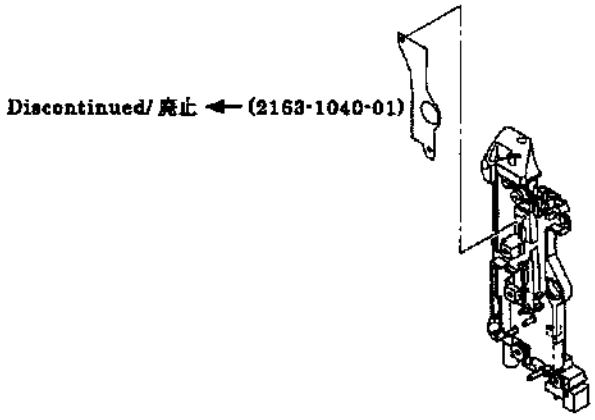
Approved by 承認	Verified by 審査	Written by 作成

Parts List P. 10

2163-984

REASON 変更理由	コストダウン To cut cost	COMMON MODEL 共通機種	2163 Series

Previous	(2163-1040-01)	→	←	———	New



PML

■本案内状に従い、パーツリストへの転記等、メンテナンスを行なってください。

According to this list, correct "Parts List" in Service Manual for effective parts management.

MINOLTA CO.,LTD.

REF No. 管理No.	QS FA 2163-P036

PARTS MODIFICATION LIST

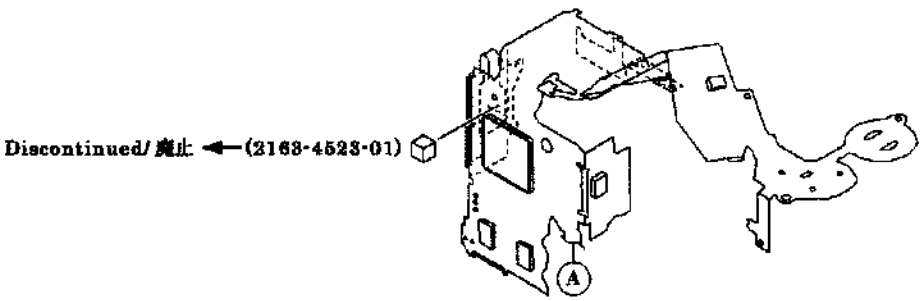
Division 主管部署	Camera CS Division カメラCS部
Valid from 施行年月日	October 10. 2002

Approved by 承認	Verified by 審査	Written by 作成

Parts List P. 2

2163-985

REASON 変更理由	コストダウン To cut cost			COMMON MODEL 共通機種	2163 Series
Previous	(2163-4523-01)	→—	—←	————	New



PML

■本案内状に従い、パーツリストへの転記等、メンテナンスを行なってください。

According to this list, correct "Parts List" in Service Manual for effective parts management.

MINOLTA CO.,LTD.

PARTS MODIFICATION LIST

REF No. 管理No.	QS FA 2163-P037

Division 主管部署	Camera CS Division カメラCS部
Valid from 施行年月日	November 28. 2002

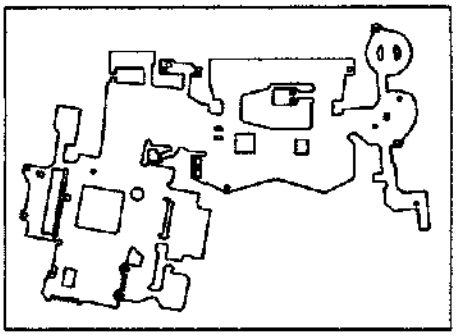
Approved by 承認	Verified by 審査	Written by 作成

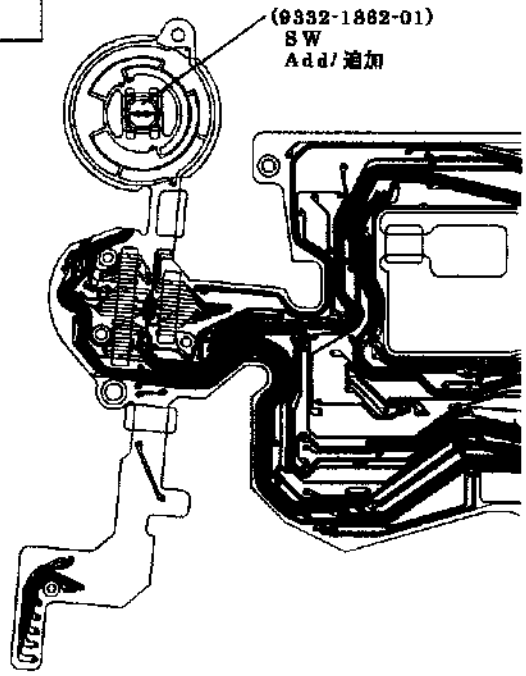
Parts List P. 2

仮-841

REASON 変更理由	手配都合 For efficient part supply			COMMON MODEL 共通機種	2163 Series
Previous	————	——	——	(9332-1862-01)	New

2163-0408
2163-0462





PML

■本案内状に従い、パーツリストへの転記等、メンテナンスを行なってください。

According to this list, correct "Parts List" in Service Manual for effective parts management.

MINOLTA CO.,LTD.

REPAIR GUIDE

Contents of this manual are in accordance with the assembly procedure. Therefore, follow the reverse procedure when disassembly.
Refer to Wiring diagram on Parts List, page 15 for wiring.

■:Cautions and keypoints
G : Grease
■ : Adhesive
T : Tool

CONTENTS Page

■ Precautions ---- 2
■Chemicals ---- 2
■ Plastic parts ---- 2
■ PCBs ---- 2
■Discharge ---- 2
■To inhibit flash charge ---- 3
■To activate without Top Cover ---- 3
■Replacing FPC-A Assy #0408 ---- 3
■ Film Removal ---- 3
1FILM GUIDE ASSY, SHUTTER ASSY Installation ---- 4
2MIRROR BOX ASSY Installation ---- 8
3SPOOL, SAFETY LOCK BASEPLATE ASSY Installation ---- 10
4FPC-A ASSY, LCD HOLDER, C157 Installation ---- 13
■ Wires arrangement ---- 19
5Exterior Parts Installation ---- 20
■Flash Pop-up/lock Check and Adjustment. --- 24
■MIRROR BOX Assembly-I ---- 25
■MIRROR BOX Assembly-II ---- 28
■MIRROR BOX Assembly-III ---- 32
■MIRROR BOX Assembly-V, FPC-B ASSY Installation ---- 35
■SAFETY LOCK BASEPLATE ASSY Assembly ---- 38
■ TOP COVER Assembly- I ---- 42
■TOP COVER Assembly-II ---- 45
■FRONT COVER, GRIP COVER Assembly --- 48
■BACK COVER, BOTTOM COVER Assembly ---- 50

CONTENTS Page

■Adjustments & Checks after repair ---- 52
■Replacing FPC-A Assy ---- 53
■About data copy (pg. 78) ---- 53
■ Using HIT System ---- 54
■Basic operation ---- 54
■Adjustment/Check items available with 2163 ROM Pack ---- 55
■Body Back Adjustment ---- 56
■Viewfinder Back Adjustment ---- 57
■Manual Set SS & X-Sync. Time-lag Check ---- 58
■Aperture Control Check ---- 59
■AE Level Check ---- 59
■Flash Level Check ---- 60
■Manual Set SS Adjustment ---- 61
■SPC Position Adjustment ---- 62
■Aperture Preset Check & Adjustment ---- 63
■AE Check & Adjustment ---- 64
■Flash SPC Level Check & Adjustment ---- 65
■Flash Level Check & Adjustment ---- 66
■IP-LED Adjustment ---- 67
■PI Adjustment ---- 68
■Viewfinder LED Adjustment ---- 69
■Viewfinder LED Optional Adjustment ---- 69
■Model Setting ---- 70
■B. C. Lock Voltage Adjustment ---- 71
■Preparation before AF adjustment ---- 72
① AF Area Adjustment ---- 73
② Pitch Yaw Adjustment ---- 74
③ EZ Check ---- 75
④ EZ Adjustment ---- 76
■Assist Mode ---- 77
■LCD Displays Check ---- 77
■Data Copy ---- 78
■Error Code on HIT Controller ---- 79
■Measuring Instruments, Tools and Jigs ---- 79
■Subsidiary Materials ---- 81
■Battery Cover Jig ---- 81

■ Precautions

Chemicals

Handle chemicals of high volatility with care, use of which will affect to your health and environment.

1. Store them sealed in a specific place to prevent exposure to high temperature or direct sunlight.
2. Avoid dividing them into small containers and prevent vaporization.
3. Keep containers sealed when not in use.
4. Avoid using them as much as possible. When required, remove only required amount from the container to make full use.

Plastic parts

1. When cleaning plastic parts, use cleaning paper or cloth. Never use thinner, ketone, ether.
2. When installing plastic parts, insert the specific screws vertically to the parts. (Be careful not to tighten too much.

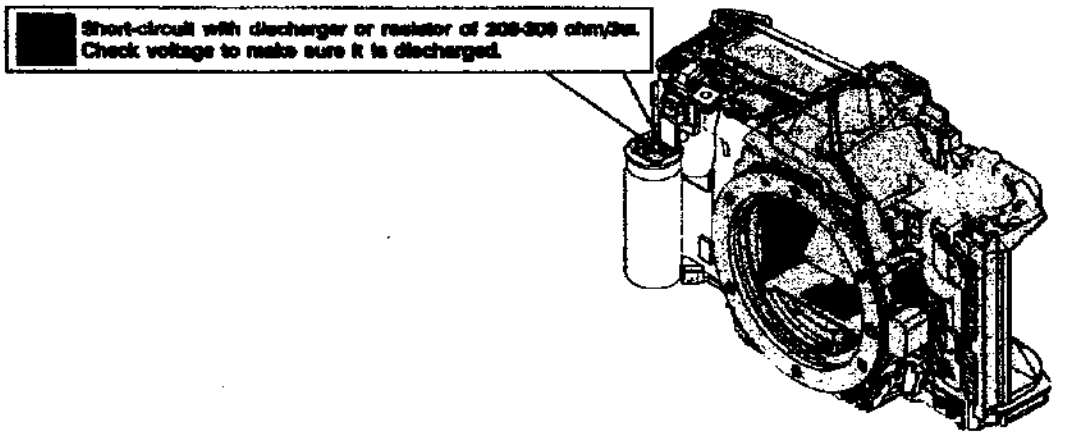
PCBs

Since PCBs use MOS IC, you must reduce static electricity. When repairing a PCB itself, or when wiring, please perform your work as illustrated below.
If grounding is impossible, connect a cable to a steel desk or shelf.

Discharge

Before disassembly, be sure to discharge the main condenser in the following manner. (Fig. 1)

■ Fig. 1

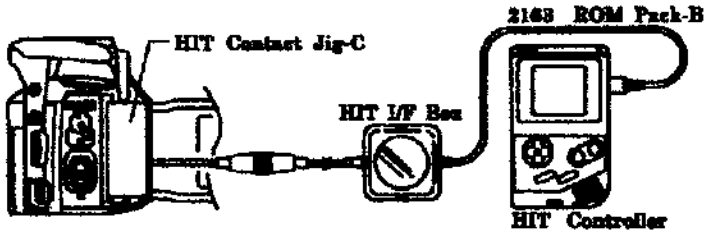


To inhibit flash charge

Be sure to make flash charge available after repair.

1. Setup the camera as Fig. 2.
2. Select "ASSIST MODE" from main menu and press SELECT Button.
3. Select "FLASH CHARGE ON/OFF" from assist mode menu and press SELECT Button.
4. Press Shutter-Release Button partway down.
5. Press Button-A or -B to select flash charge on/off. And press SELECT Button.
   Button-A: ON (flash charge available)
   Button-B: OFF (flash charge inhibited)
6. Press Shutter-Release Button partway down. HIT Controller beeps.
7. Re-install Battery.
   Select "MENU" and press SELECT Button to return to the assist mode menu.

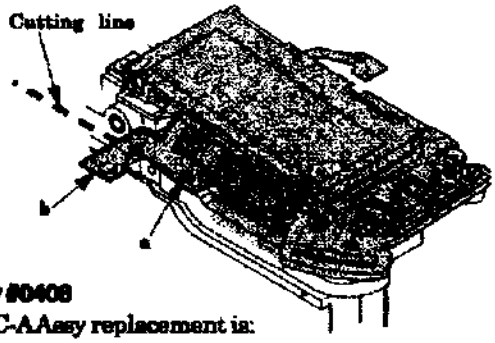
■ Fig. 3



To activate without Top Cover (Fig. 3)

- Short-circuit the pattern –a of FPC-A Assy with solder.
- When using replacement FPC-A, no need to short these patterns because it has pattern-b.
  *Before installing Top Cover, be sure to unsolder the pattern-a or to cut the pattern-b.

■ Fig. 3



Replacing FPC-A Assy #0408

Initial setting after FPC-AAssy replacement is:

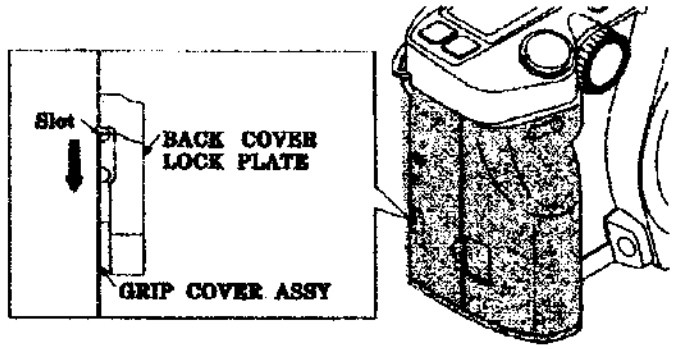
- Flash charge inhibited
- F—shutter lock canceled
- Erratic display in Data Panel.
  *Battery installation after Flash Level Adjustment (pg. 66) will reset these settings.

Film Removal

* Work in a dark room or a dark box.

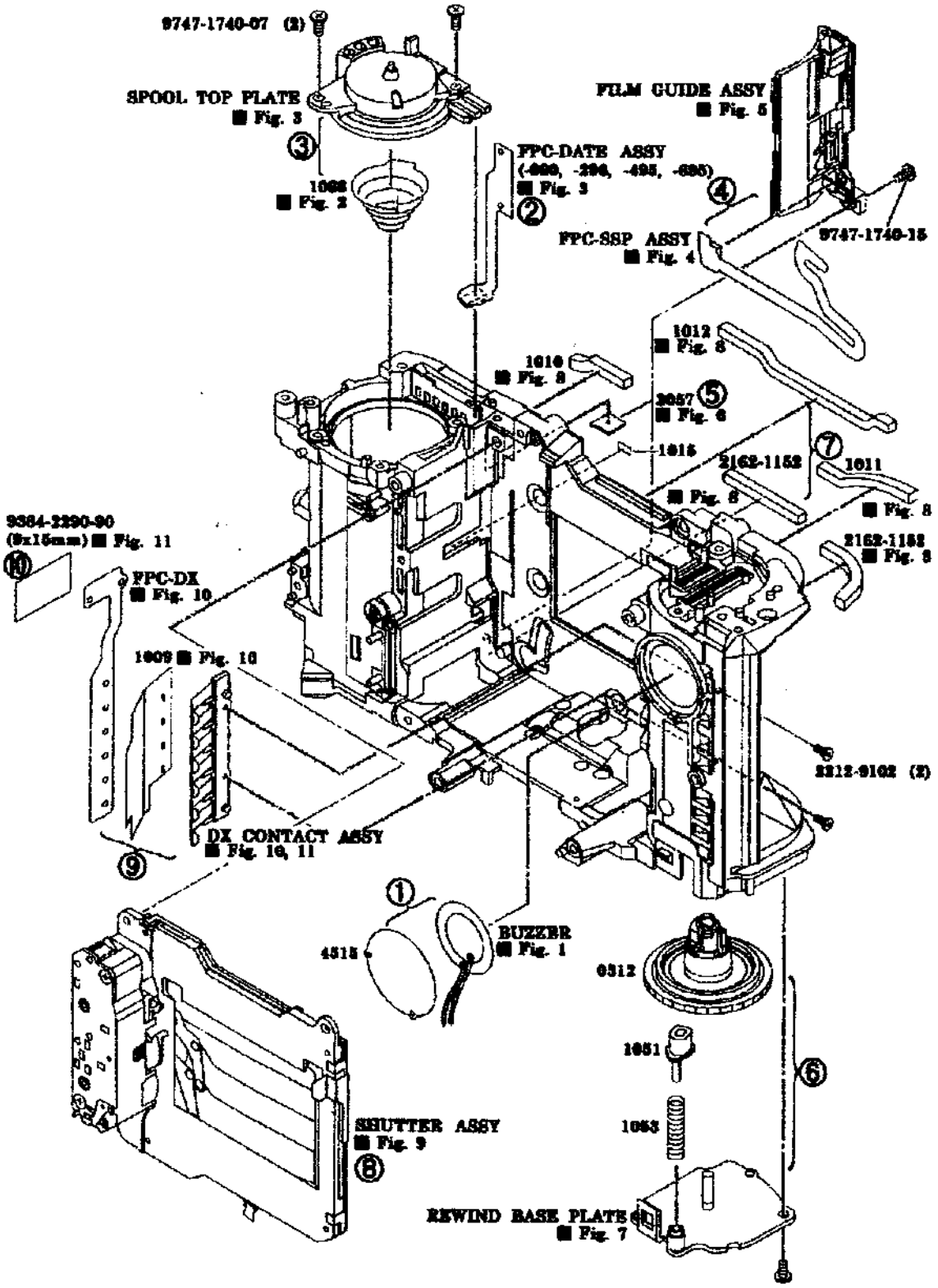
Insert a screwdriver #1 (0.8mm) into the slot of the Back cover lock plate from the slot between the Grip cover and Back cover then slide the tip of screwdriver in arrow direction as in Fig.4 to open the Back cover.

■ Fig. 4



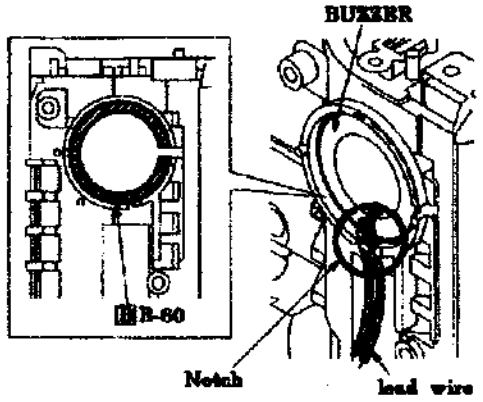
1 FILM GUIDE ASSY, SHUTTER ASSY Installation

Install in order from 1 to 10.



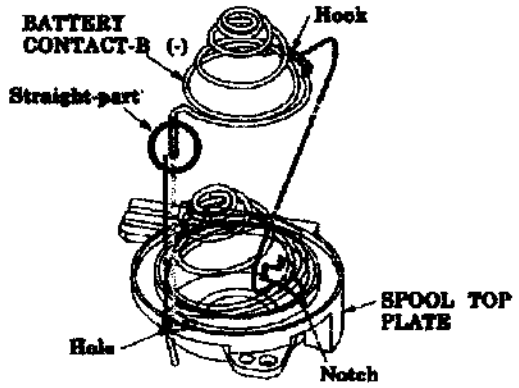
■ Fig. 1

Apply B-60 to entire of shaded area to affix BUZZER, then arrange the lead wires as as illustrated.



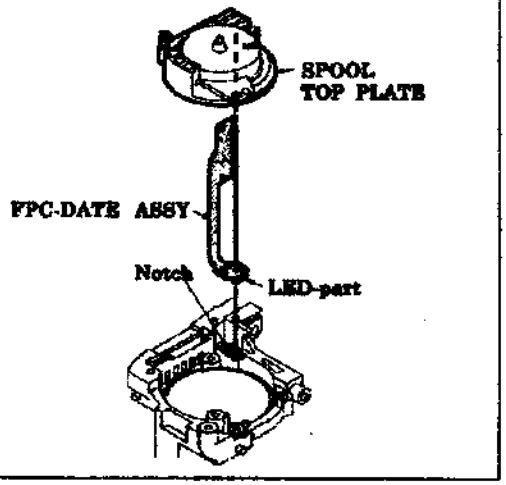
■ Fig. 2

Thread the straight-part of BATTERY CONTACT-B (-) into the hole of SPOOL TOP PLATE, then hook the tip of BATTERY CONTACT-B (-) into the groove of SPOOL TOP PLATE.



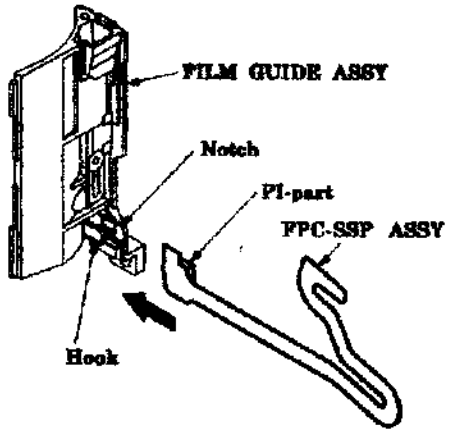
■ Fig. 3 (Date model only)

Fit the LED-part of FPC-DATE ASSY to the notch on the body , then assemble SPOOL TOP PLATE.



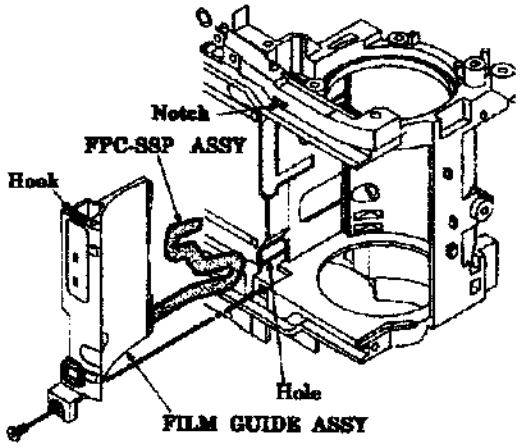
■ Fig. 4

Insert the PI-part of FPC-SSP ASSY to the notch on FILM GUIDE ASSY in the arrow direction, then Fit FPC-SSP ASSY with the hook tip of Film Guide Assy.



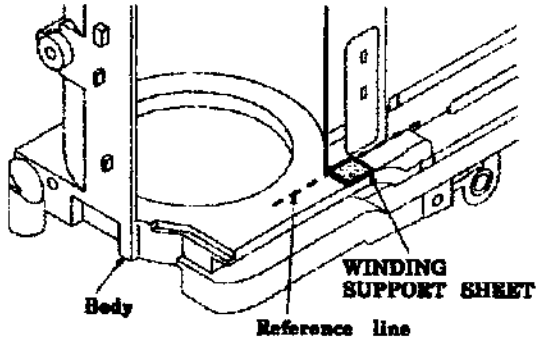
■ Fig. 5

Thread FPC-SSP ASSY into the hole of the body, then hook the tip of FILM GUIDE ASSY to the notch of the body.



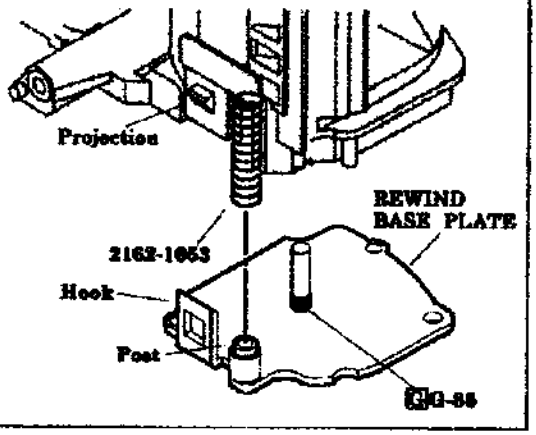
■ Fig. 6

Stick WINDING SUPPORT SHEET to the designated position of the body.



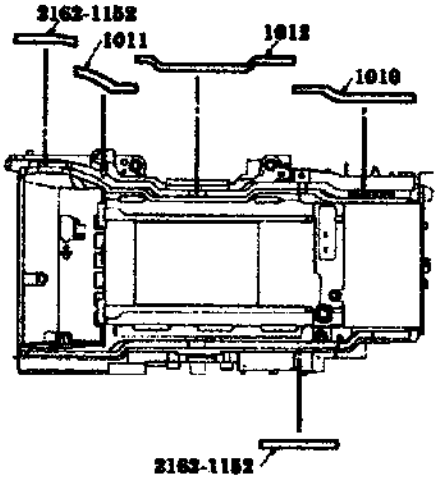
■ Fig. 7

1. Apply G-86 to the designated position of REWIND BASE PLATE.
2. Fit #2162-1053 to the post on REWIND BASE PLATE, then hook the tip of REWIND BASE PLATE to the projection of the body.



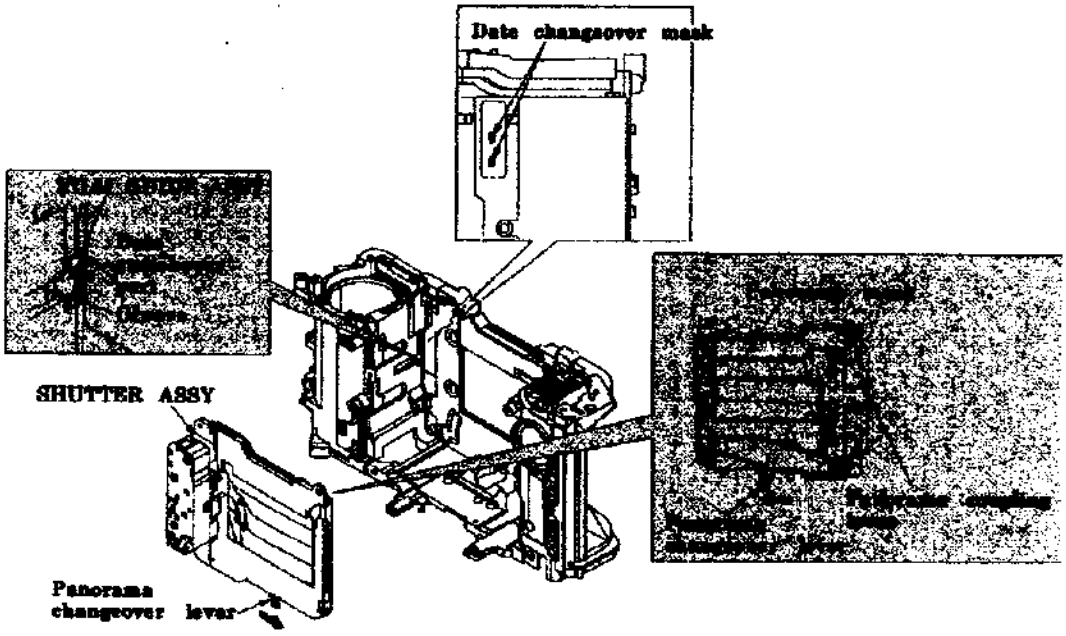
■ Fig. 8

Stick #1010, #1011, #1012 and #2162-1152 to the designated position.



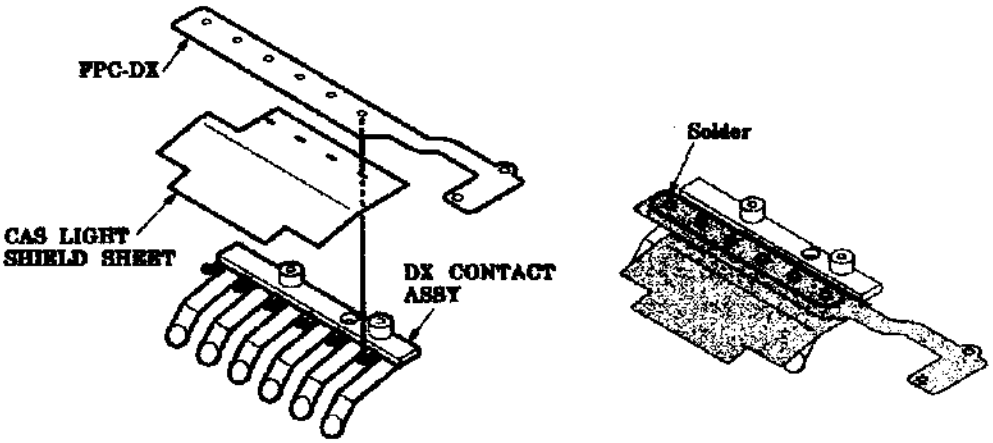
■ Fig. 9 (Panorama model only)

1. Set the date switchover part of FILM GUIDE ASSY to the Panorama position (at the groove of the body).
2. Set SHUTTER ASSY to the Panorama position.
3. Insert the panorama coupling lever of SHUTTER ASSY into the date switchover part of FILM GUIDE ASSY.
   Confirm that the date changeover mask of FILM GUIDE ASSY interlocks the panorama changeover lever of SHUTTER ASSY.



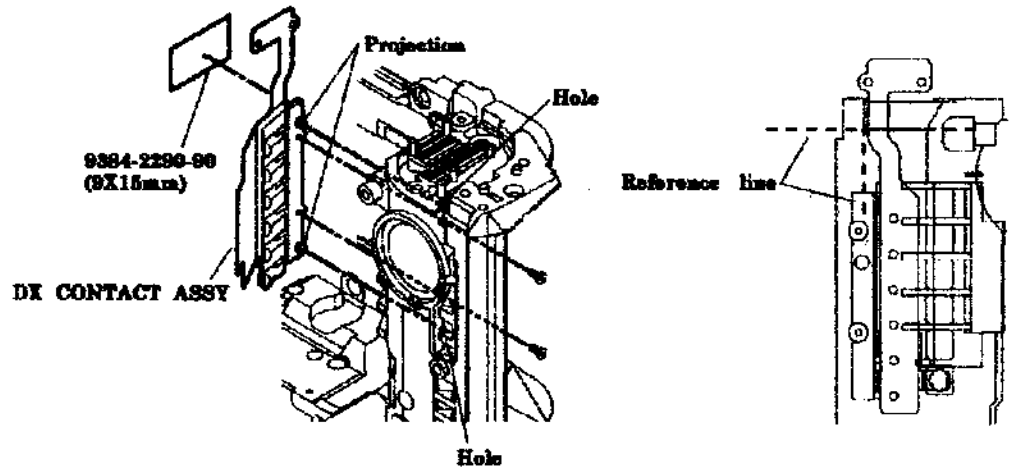
■ Fig. 10

Thread the holes of CAS LIGHT SHIELD SHEET and FPC-DX to the posts of DX CONTACT ASSY, then solder them together.

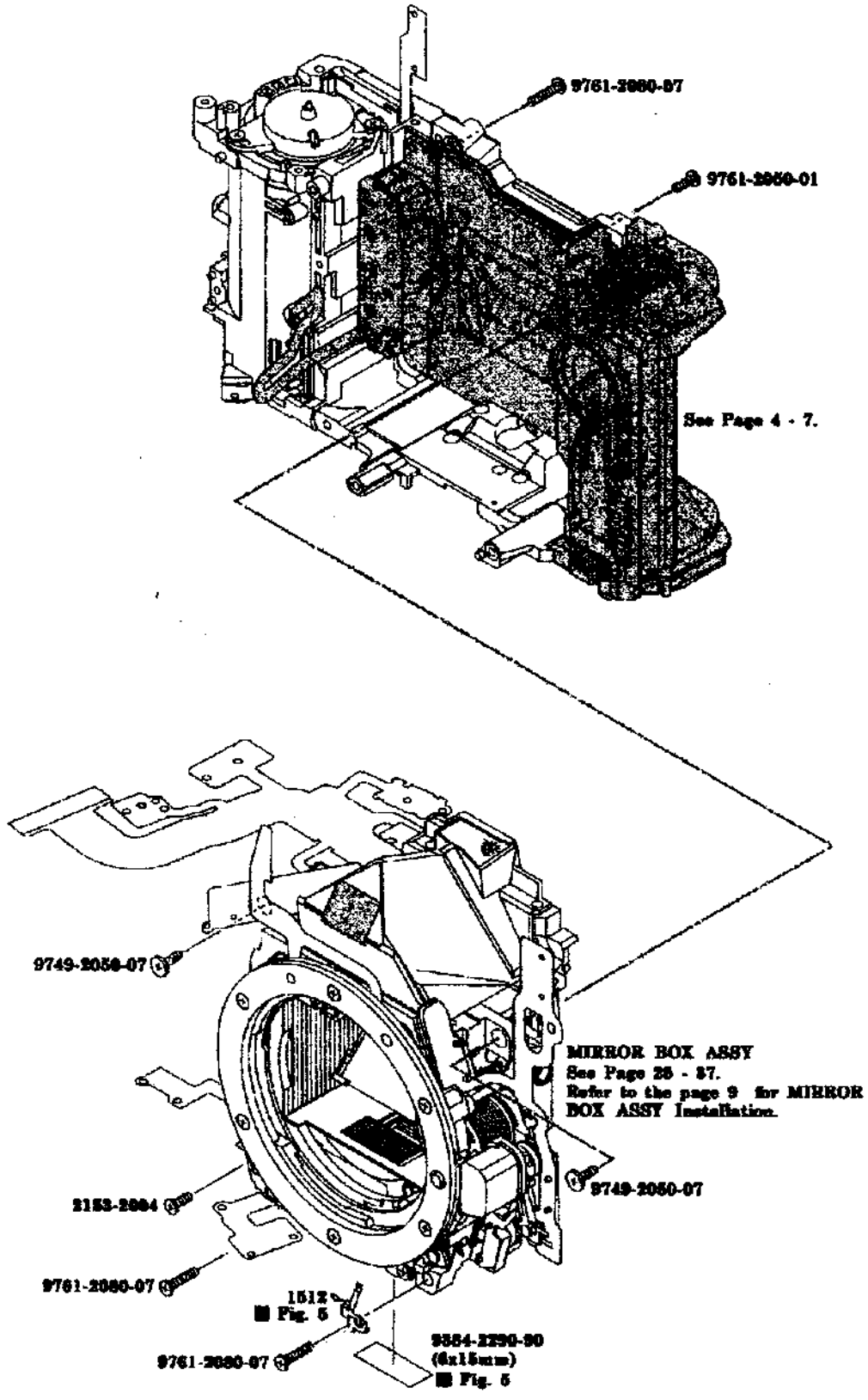


■ Fig. 11

1. Fit the projection of DX CONTACT ASSY to the hole of the body
2. Stick #9384-2290-90 to the designated position as illustrated.



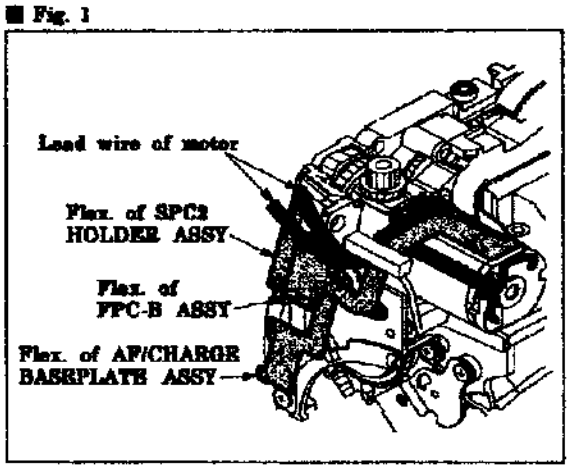
2 MIRROR BOX ASSY Installation



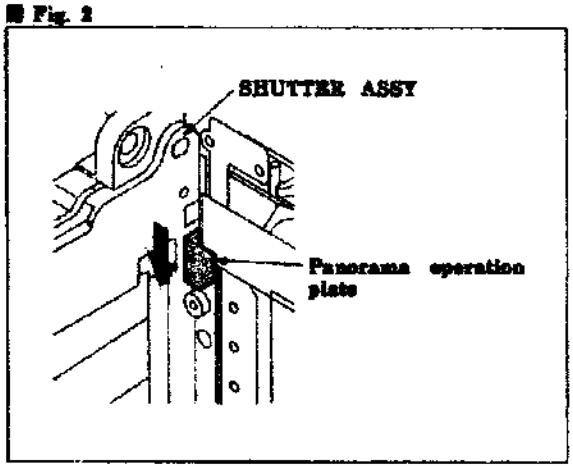
MIRROR BOX ASSY Installation

1. Arrange the flex of MIRROR BOX ASSY and lead wires as in Fig. 1.
2. Install SHUTTER ASSY, then set the panorama operation plate in arrow direction (to the normal frame position) as in Fig. 2. (Panorama model only)
3. Install MIRROR BOX with the mirror-up position. (See MIRROR BOX manual operation.)

■ Fig. 1



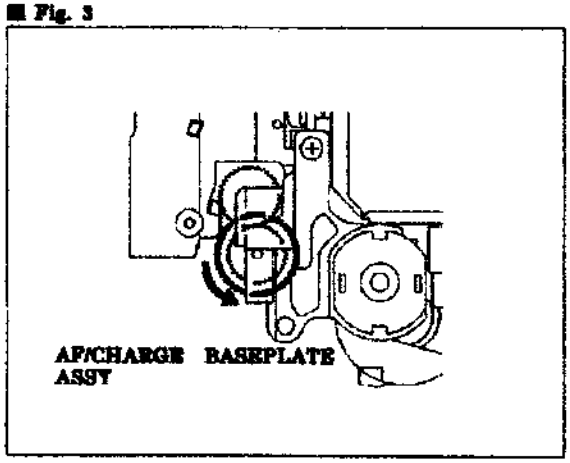
■ Fig. 2



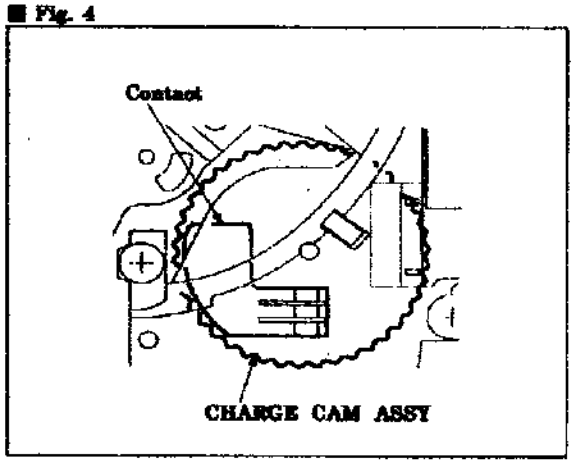
MIRROR BOX manual operation

1. Turn the gear in Fig. 3 in arrow direction until the contact of AF/CHARGE BASEPLATE ASSY comes in the postion as in Fig. 4
2. Turn the gear in Fig. 3 clockwise until mirror goes up.

■ Fig. 3

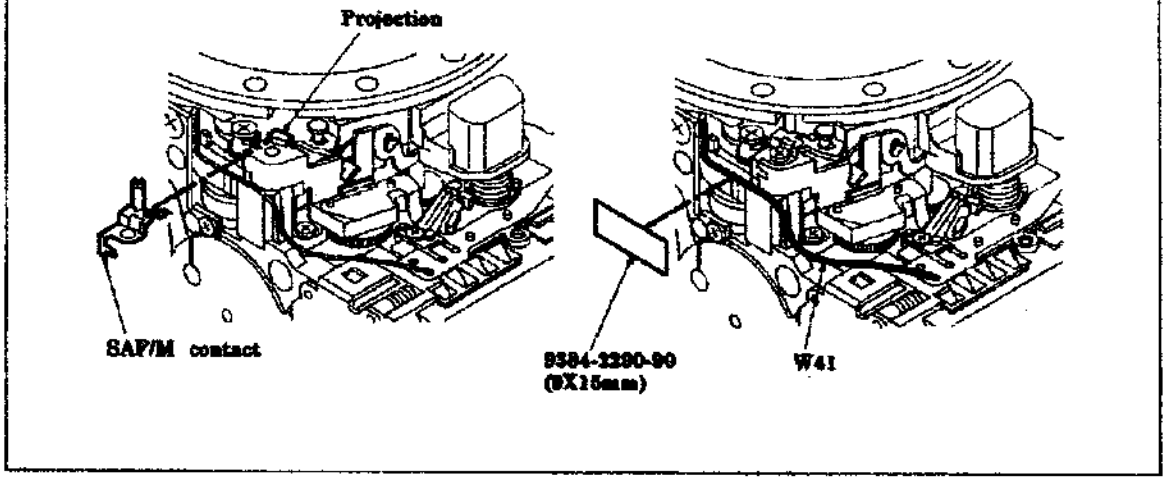


■ Fig. 4



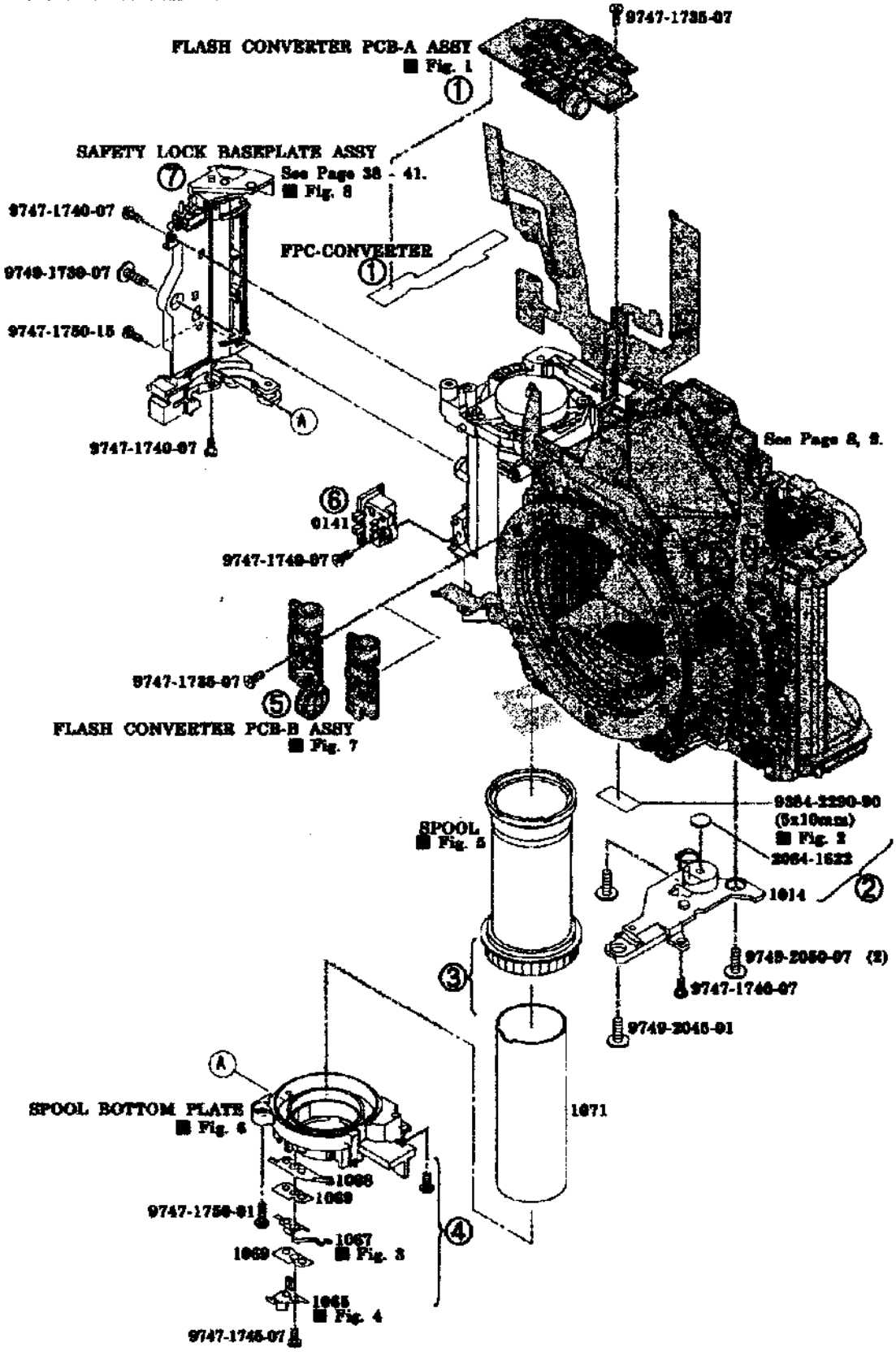
■ Fig. 5

1. Fit SAF/M contact to the notch of MIRROR BOX.
2. Stick #9384-2290-90 in position as illustrated, than arrange the lead wires.



3 SPOOL, SAFETY LOCK BASEPLATE ASSY Installation

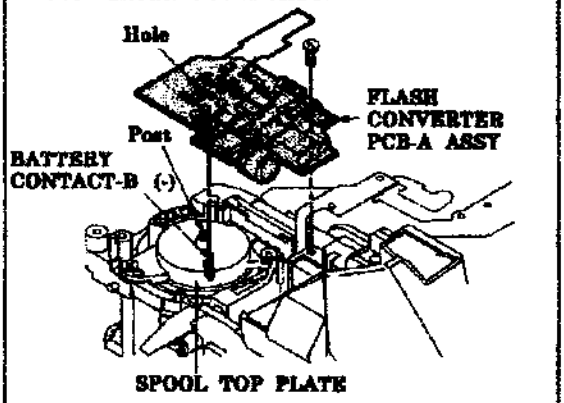
Install in order from 1 to 7.



REPAIR GUIDE

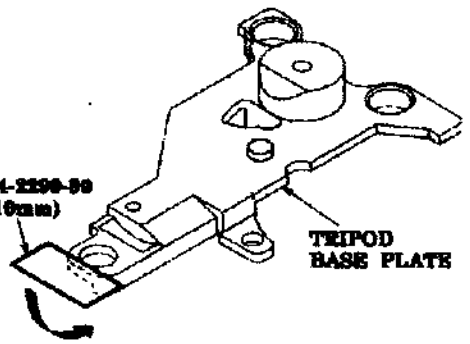
■ Fig. 1

1. Install FLASH CONVERTER PCB-A ASSY fitting the hole to post of SPOOL TOP PLATE and BATTERY CONTACT-B (-).
2. Solder BATTERY CONTACT-B (-) to FLASH CONVERTER PCB-A ASSY.



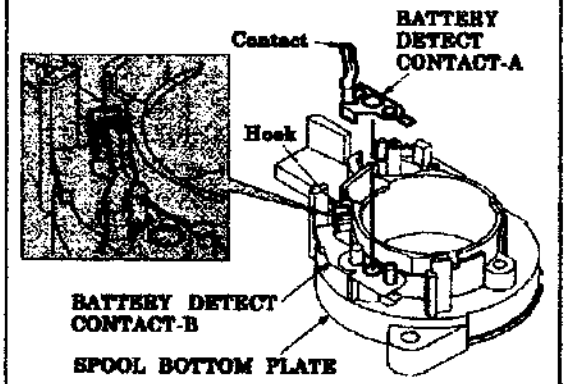
■ Fig. 2

Stick 9384-2290-90 the designated position.



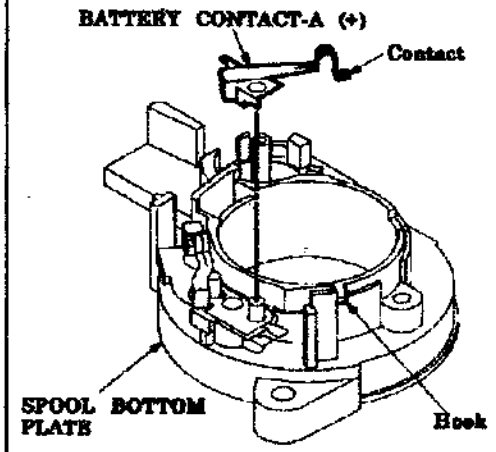
■ Fig. 3

Fit the contact tip of BATTERY DETECT CONTACT-A under the hook tip of BATTERY DETECT CONTACT-B.



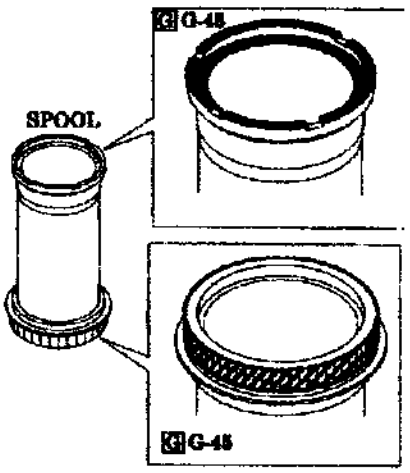
■ Fig. 4

Fit the contact tip of BATTERY CONTACT-A (+) under the hook tip of SPOOL BOTTOM PLATE.



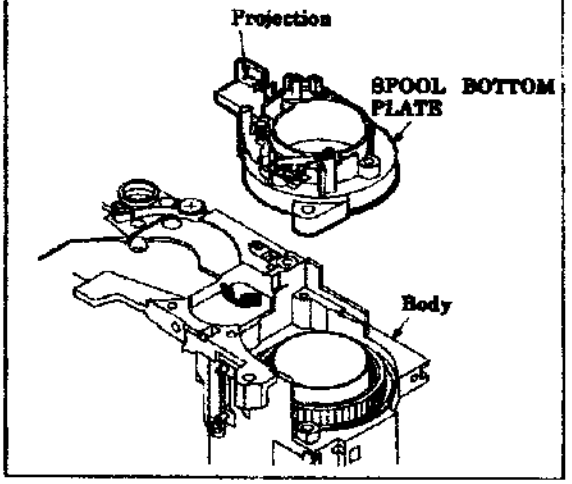
■ Fig. 5

Apply G-45 to the designated position.



■ Fig. 6

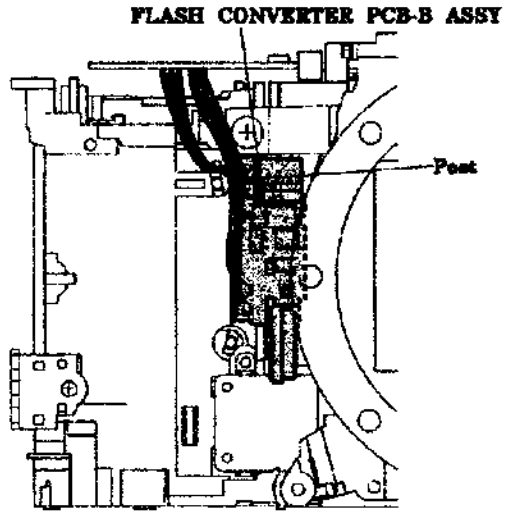
Install the projection of SPOOL BOTTOM PLATE to fit the body in arrow direction.



REPAIR GUIDE

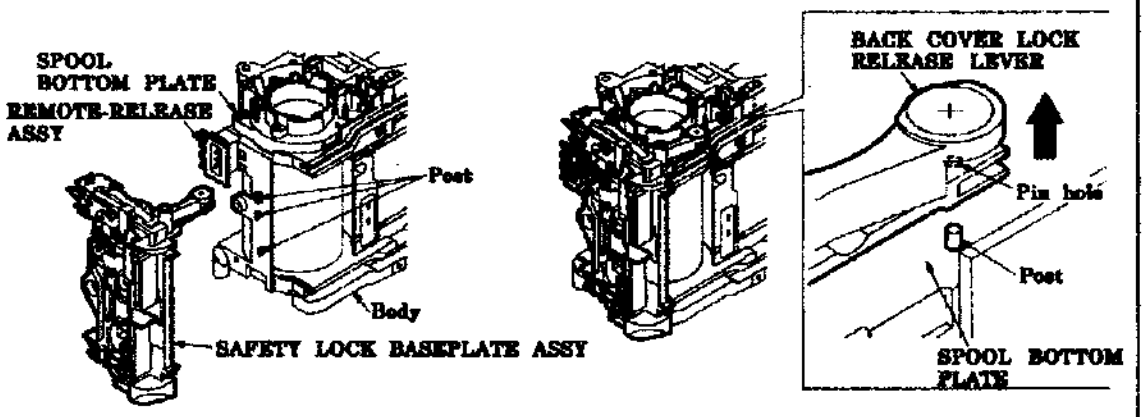
■ Fig. 7

1. Install FLASH CONVERTER PCB-B ASSY fitting the hole to post of the body.
2. Arrange the lead wires as shown.



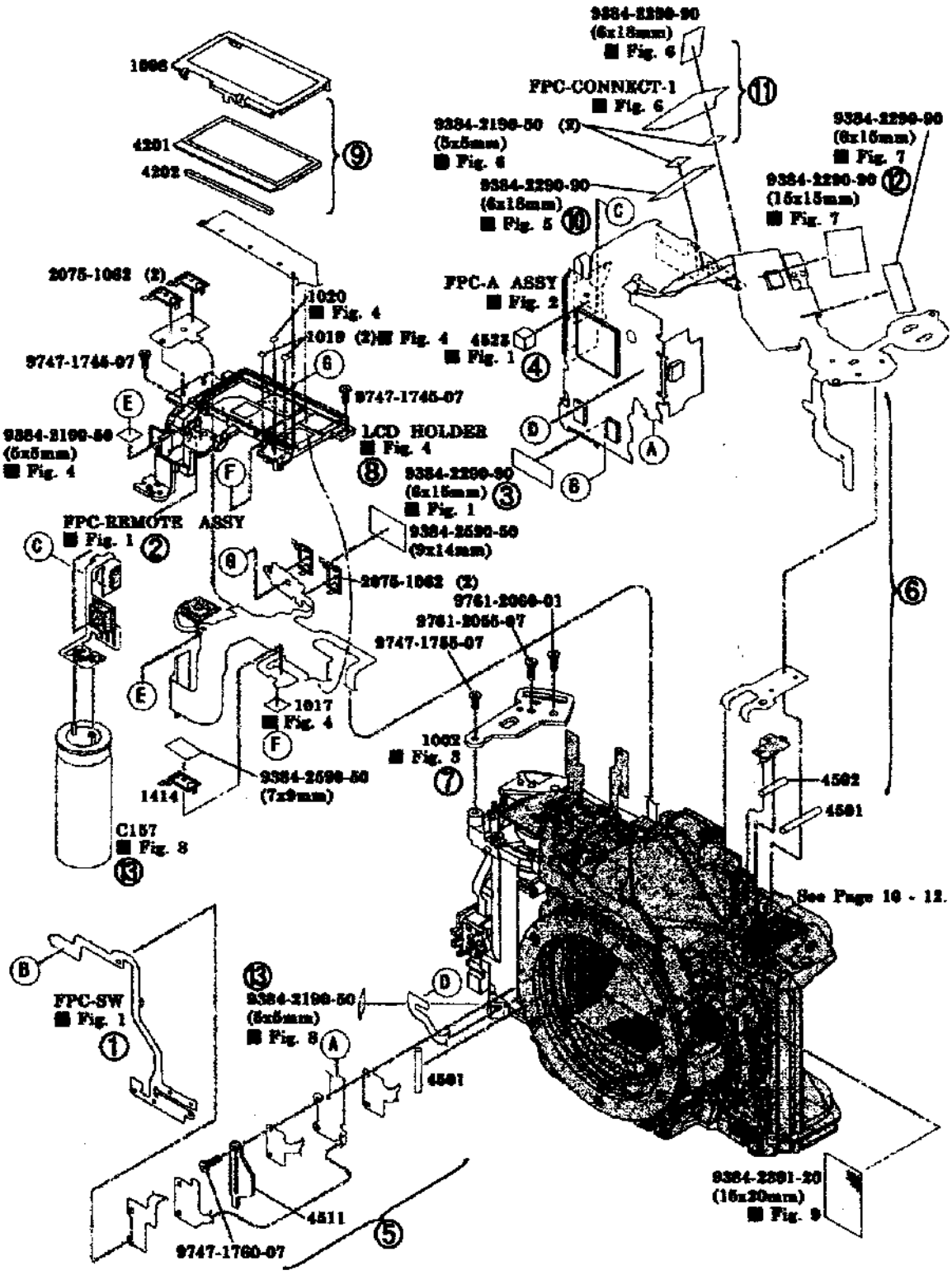
■ Fig. 8

1. Install REMOTE-RELEASE ASSY, then fit SAFETY LOCK BASEPLATE ASSY to the posts of the body.
2. Hold the BACK COVER LOCK RELEASE LEVER in arrow direction, then fit the pin hole of SAFETY LOCK BASEPLATE ASSY to the post of SPOOL BOTTOM PLATE.



4 FPC-A ASSY, LCD HOLDER, C157 Installation

Install in order from 1 to 13.

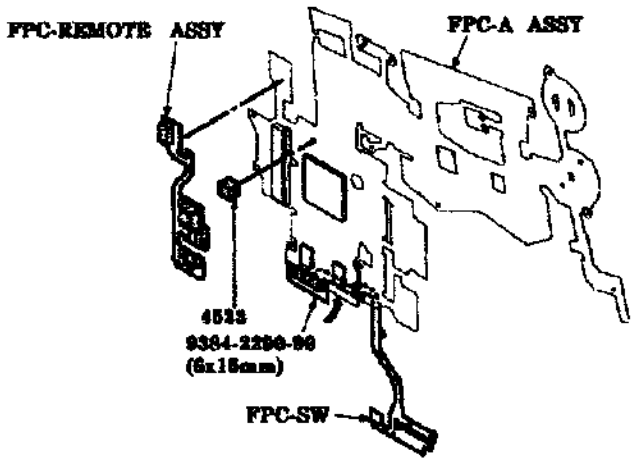


REPAIR GUIDE

REPAIR GUIDE

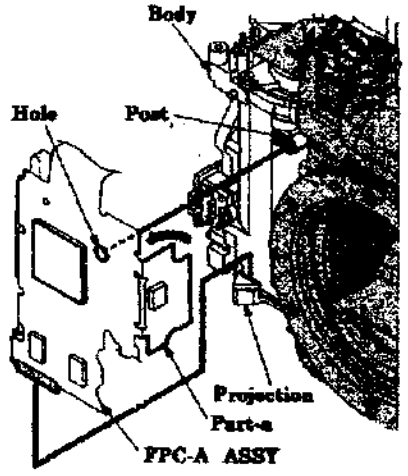
■ Fig. 1

1. Solder FPC-SW and FPC-REMOTE ASSY to FPC-A ASSY.
2. Stick #9384-2290-90 to the designated position.
3. Stick #4523 to FPC-A ASSY as illustrated.

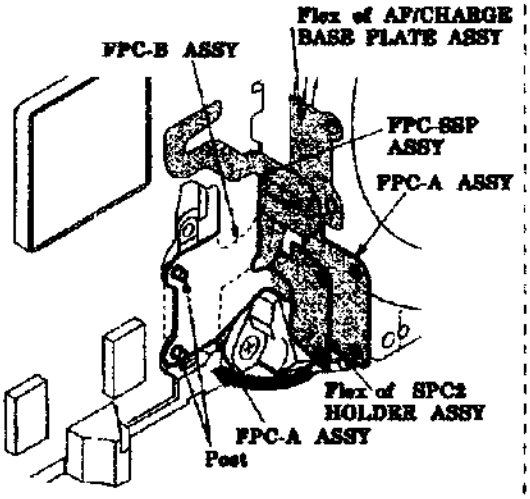


■ Fig. 2

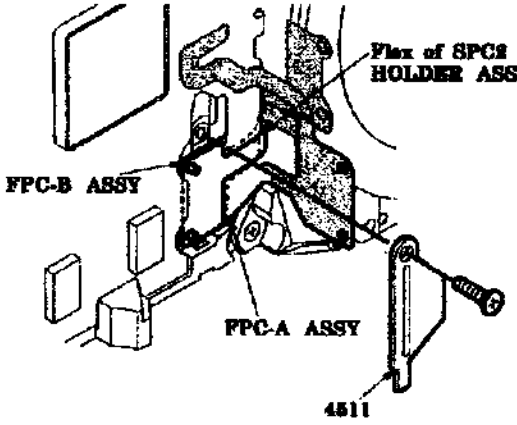
1. Fold back the part-a of FPC-A ASSY and fit the flex to the post on the body, then hook the flex fitting to the projection as illustrated.



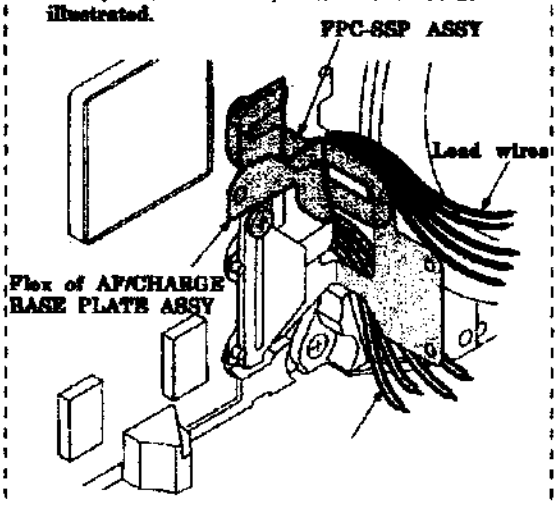
2. Arrange the flex of SPC2 HOLDER ASSY and FPC-A ASSY as illustrated.



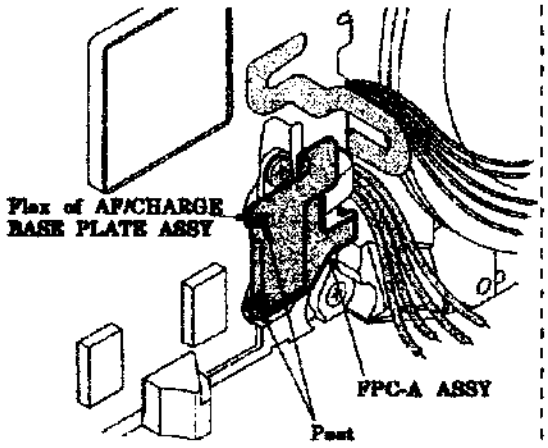
3. Fit the flexes as illustrated, and install #4511 to affix.



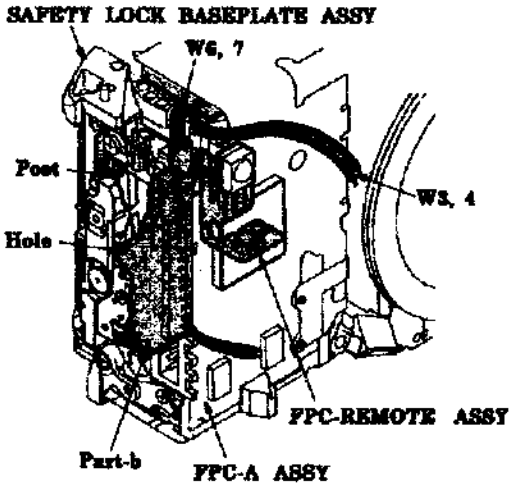
4. Arrange the flex of AF/CHARGE BASE PLATE ASSY, FPC-SSP ASSY, and lead wires as illustrated.



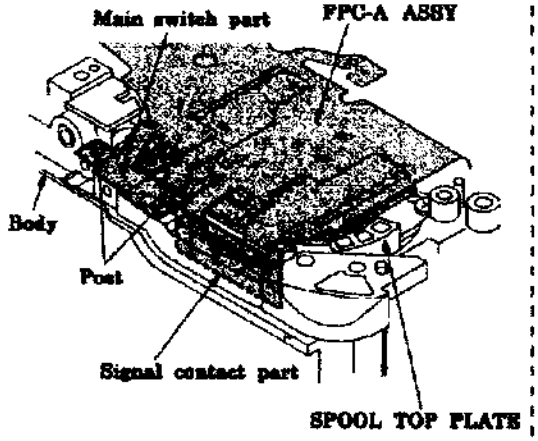
5. Fit the flex of AF/CHARGE BASE PLATE ASSY and FPC-A ASSY to the post as illustrated.



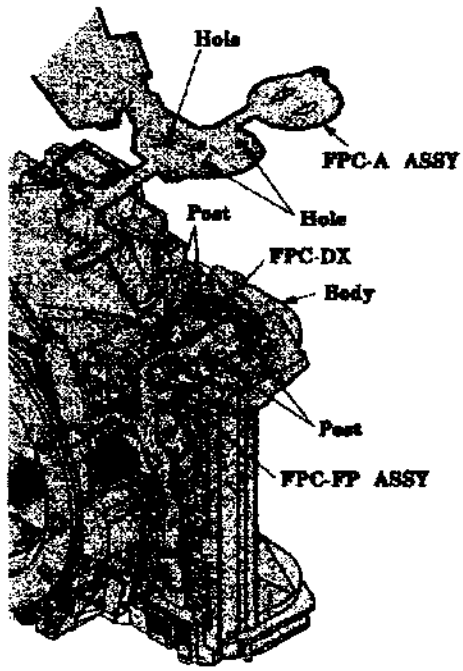
6. Arrange the lead wires W6 and W7, then fold back the part-b of FPC-A ASSY fitting to the post on SAFETY LOCK BASEPLATE ASSY as illustrated. Fit the flex of FPC-REMOTE ASSY to the designated position as illustrated.



7. Insert the signal contact of FPC-A ASSY between the body and SPOOL TOP PLATE.
8. Fit the main switch of FPC-A ASSY to the post of the body as illustrated.



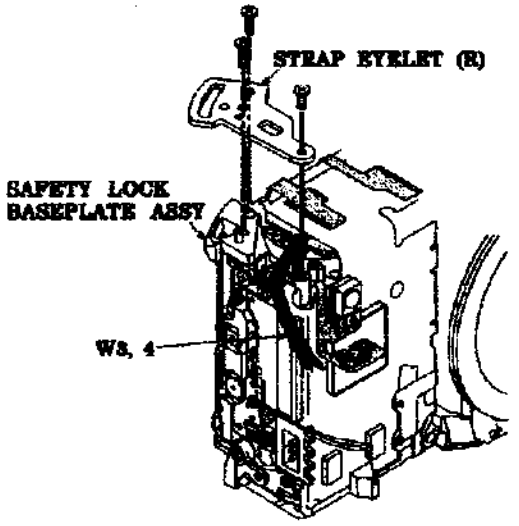
9. Fit the flexes to the post in order as shown.
10. Fit FPC-A ASSY to the post as illustrated.



REPAIR GUIDE

■ Fig. 3

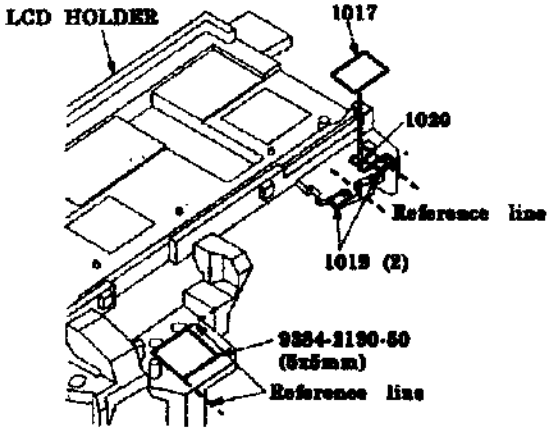
Arrange the lead wires as illustrated, then install STRAP EYELET (R).



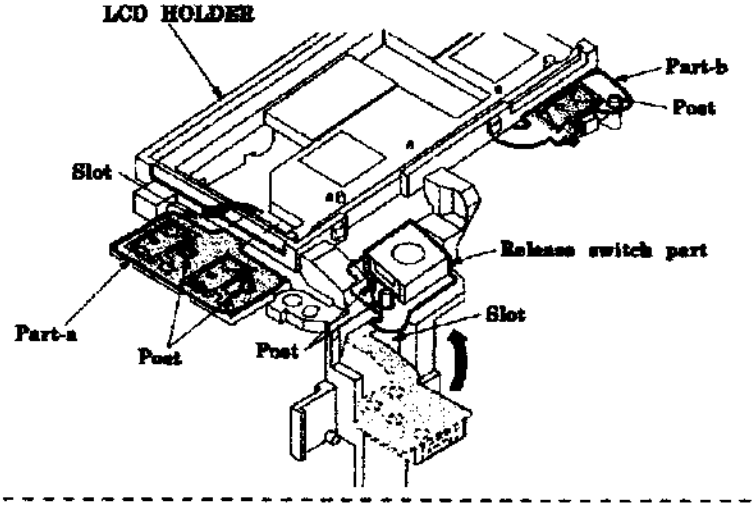
REPAIR GUIDE

■ Fig. 4

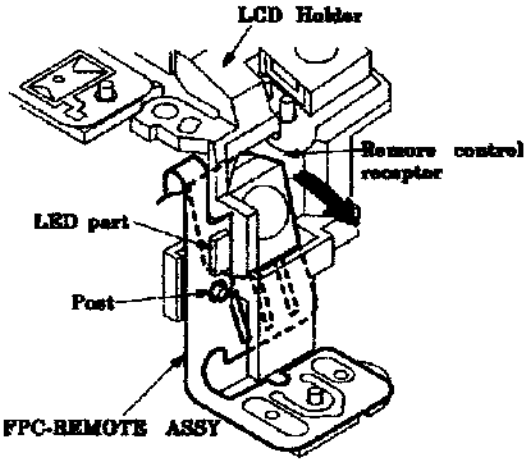
1. Stick #9334-2190-50, #1019, #1020 and #1017 to LCD HOLDER as illustrated.



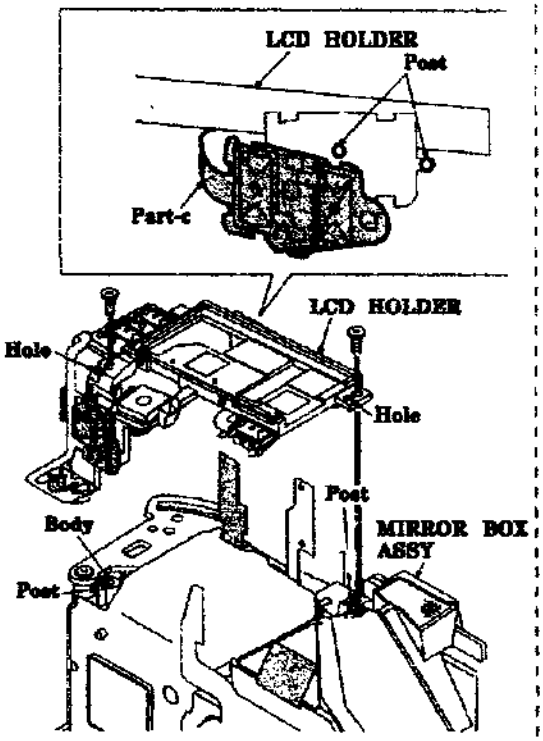
2. Insert the release switch part to the slot of the remote control receptor, then fold back the flex fitting to the post as illustrated.
3. Insert the part-a of FPC-LCD to the slot of LCD HOLDER, then fit the flex to the post of FPC HOLDER.
4. Fit the part-b of FPC-LCD to the post of FPC HOLDER.



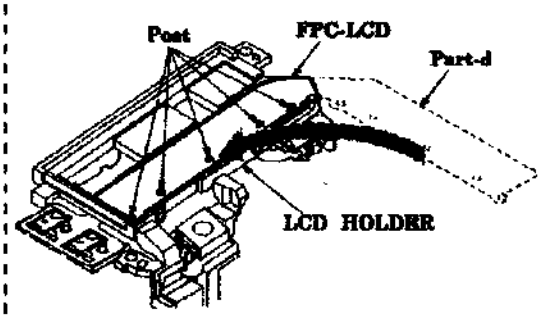
5. Fit the LED part of FPC-REMOTE ASSY to the post of LCD HOLDER, and insert the remote control receptor to LCD HOLDER.



6. Assemble LCD HOLDER fitting to the posts of MIRROR BOX ASSY and the body.
7. Fold the part-c of FPC-LCD fitting to the post of LCD HOLDER.

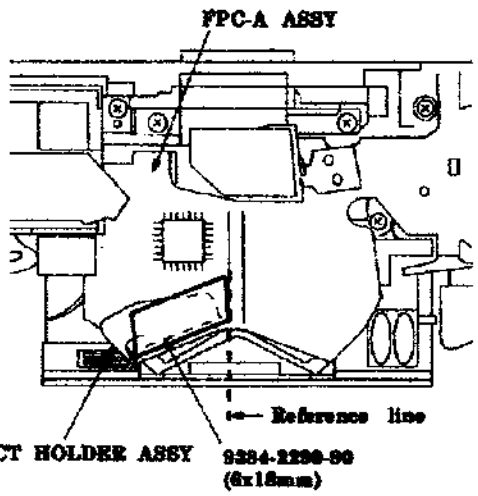


8. Fold the part-d of FPC-LCD fitting to the post of LCD HOLDER.



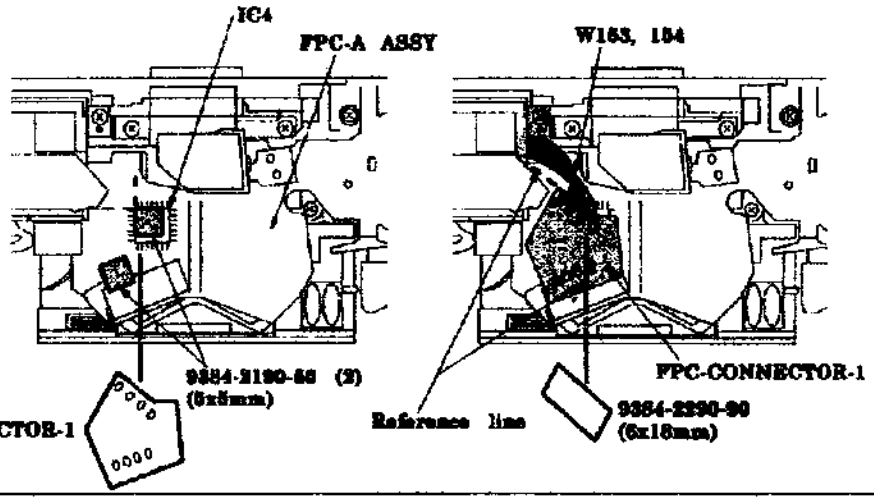
■ Fig. 5

Stick #9284-2290-90 to the designated position.



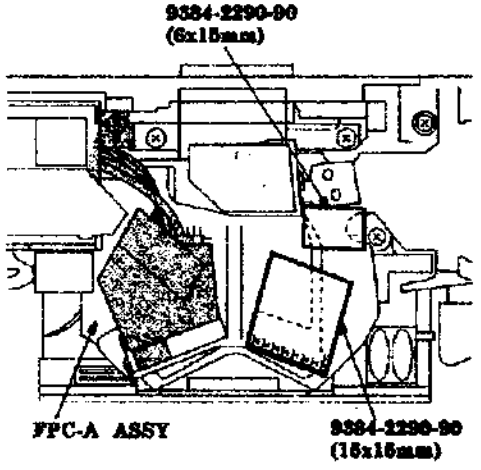
■ Fig. 6

1. Stick #9384-2190-50 to the designated position to affix FPC-CONNECTOR-1.
2. Arrange the lead wires, then stick #9384-2290-90 to the designated position.



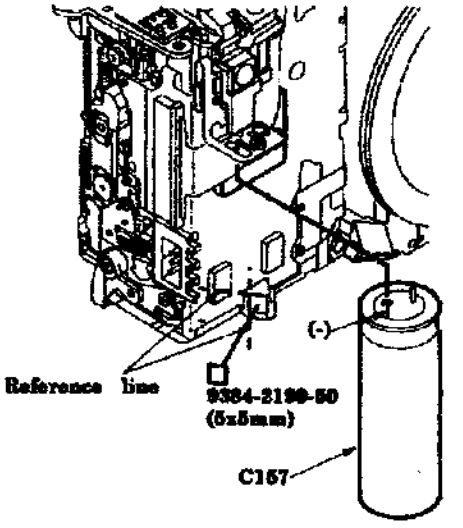
■ Fig. 7

Stick #9384-2290-90 to the designated position.



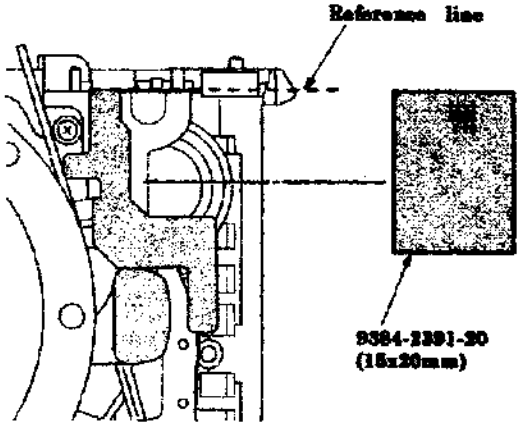
■ Fig. 8

Stick #9384-2190-50 to the designated position to affix C157.
Confirm the polarity of C157.

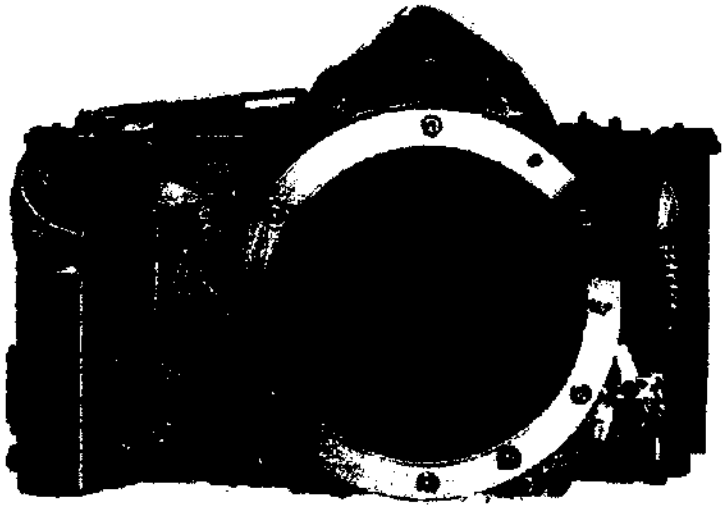


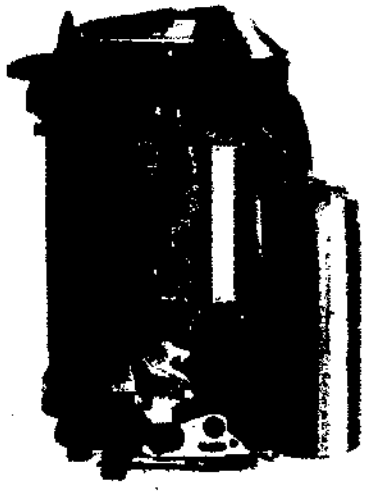
■ Fig. 9

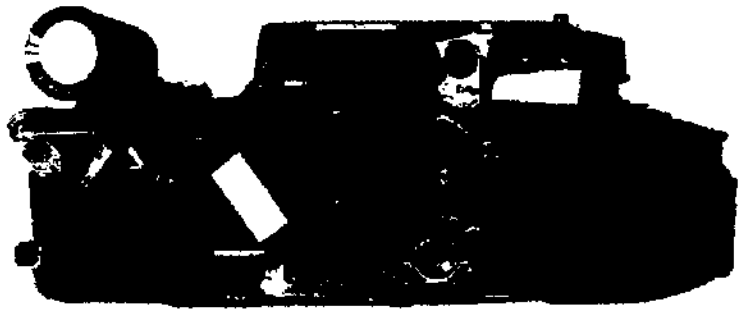
Stick #9384-2391-20 to the designated position.



Wires arrangement

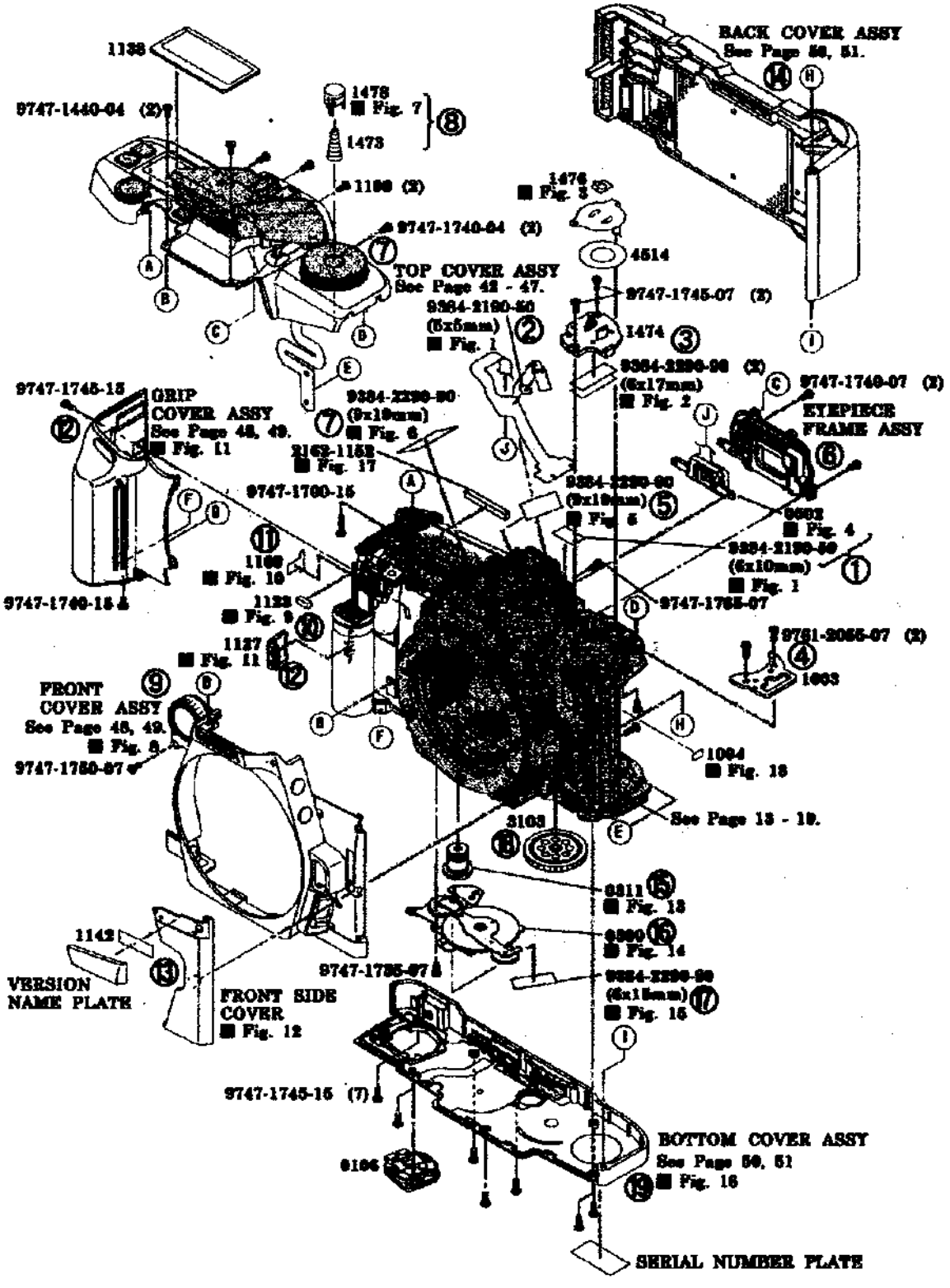






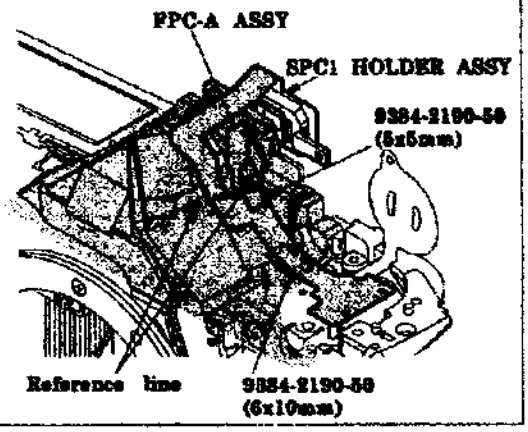
5 Exterior Parts Installation

Install in order from 1 to 19.
At installing the exterior part, perform the SPC adjustment. (pg. 62)
At assembly, be sure to remove the Eye-piece lens protect sheet for 2163.
At disassembly, be sure to attach the Eye-piece lens protect sheet for 2163.
After installing the exterior parts, perform the flash pop-up/lock check/adjustment. (pg. 24)



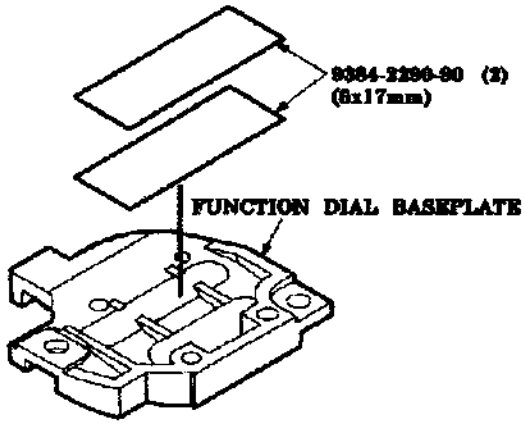
■ Fig. 1

1. Stick #9384-2190-50 to FPC-A ASSY as illustrated to affix SPC1 HOLDER ASSY.
2. Stick #9384-2190-50 to SPC1 HOLDER ASSY as illustrated, then fold back the flex of FPC-A ASSY.



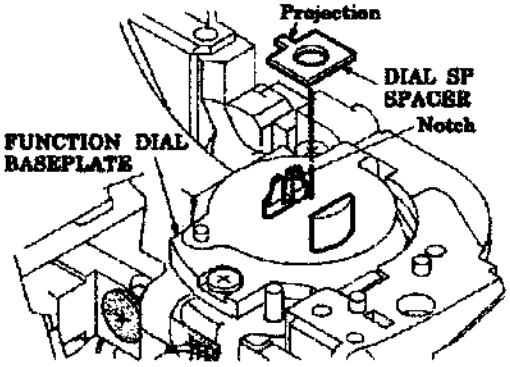
■ Fig. 2

Stick #9384-2290-90 to FUNCTION DIAL BASEPLATE as illustrated.



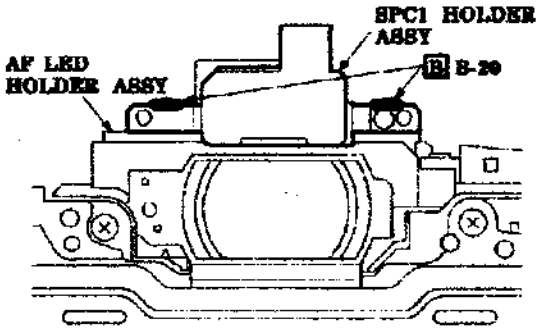
■ Fig. 3

Insert the projection of DIAL SP SPACER to the notch of FUNCTION DIAL BASEPLATE.



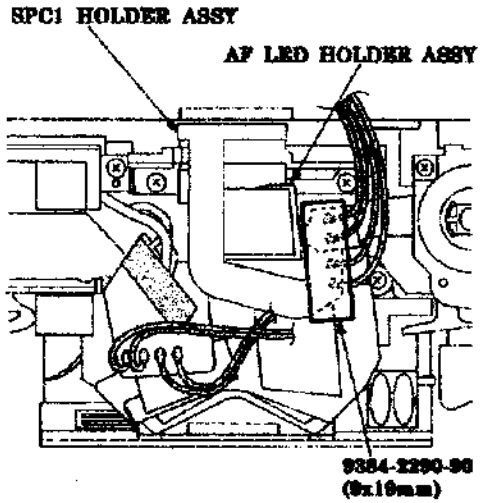
■ Fig. 4

After completing the SPC position adjustment, apply B-20 to the designated position.



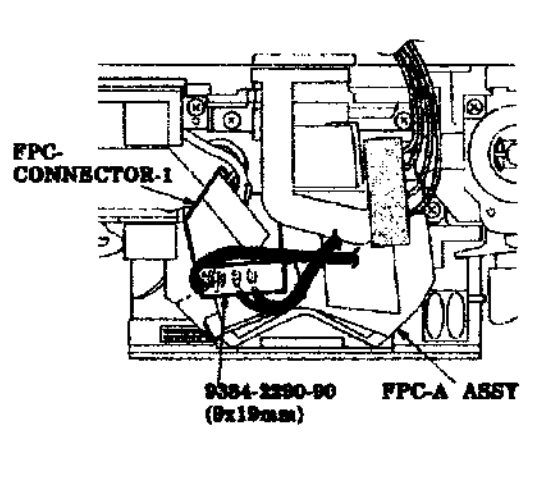
■ Fig. 5

Stick #9384-2290-90 to the designated position.



■ Fig. 6

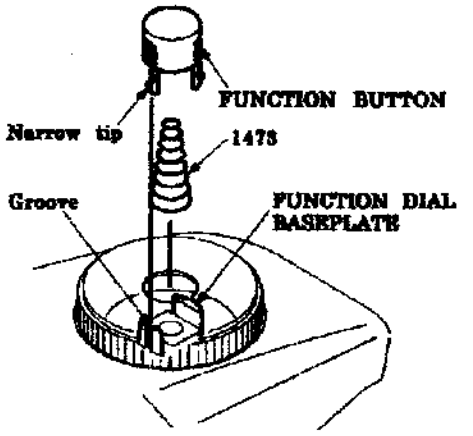
Stick #9384-2290-90 to the designated position.



REPAIR GUIDE

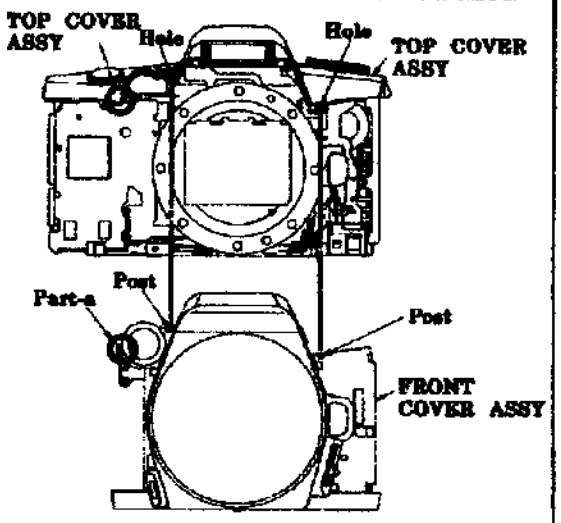
■ Fig. 7

Insert the narrow tip of FUNCTION BUTTON aligning with the groove of FUNCTION DIAL BASEPLATE.



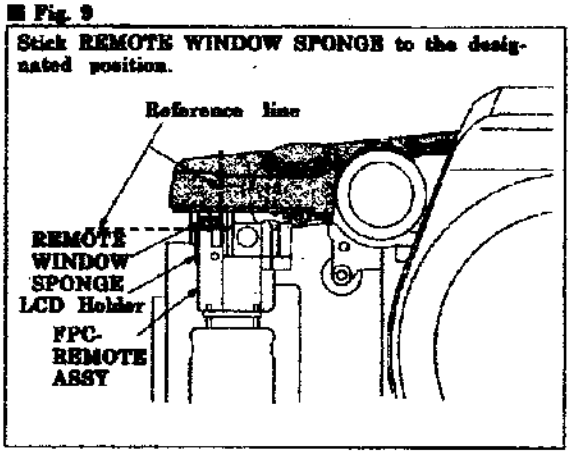
■ Fig. 8

Align the part-a of FRONT COVER ASSY fitting to TOP COVER ASSY, and insert the posts of FRONT COVER ASSY to the holes of TOP COVER ASSY.



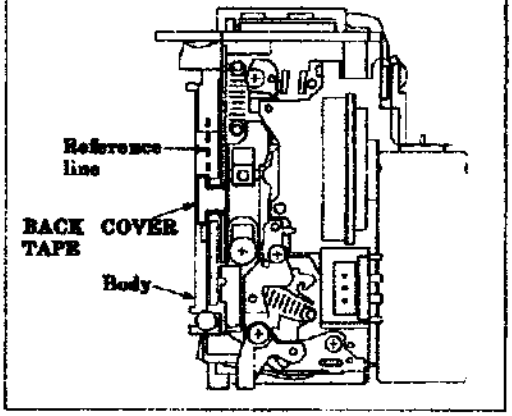
■ Fig. 9

Stick REMOTE WINDOW SPONGE to the designated position.



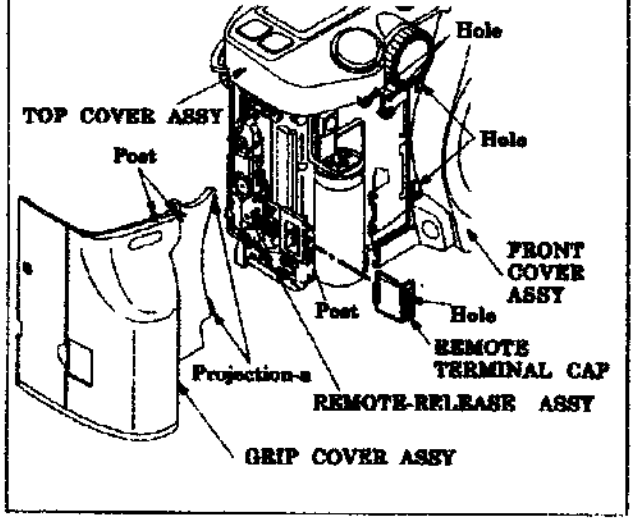
■ Fig. 10

Stick BACK COVER TAPE to the designated position.



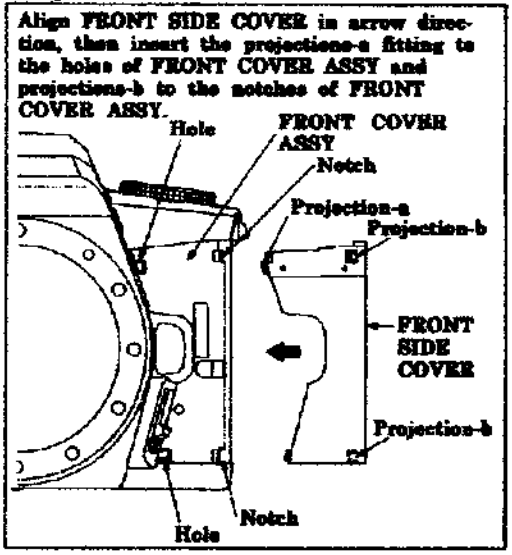
■ Fig. 11

1. Fit the hole of REMOTE TERMINAL CAP to the post of REMOTE-RELEASE ASSY.
2. Insert the projections-a of GRIP COVER ASSY fitting to the holes of FRONT COVER ASSY, and fit the post of GRIP COVER ASSY to the hole of TOP COVER ASSY.



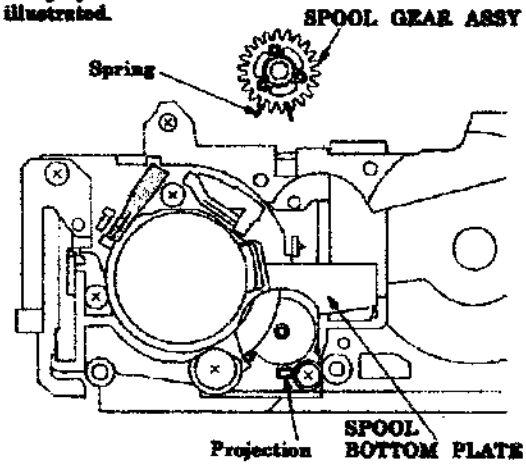
■ Fig. 12

Align FRONT SIDE COVER in arrow direction, then insert the projections-a fitting to the holes of FRONT COVER ASSY and projections-b to the notches of FRONT COVER ASSY.



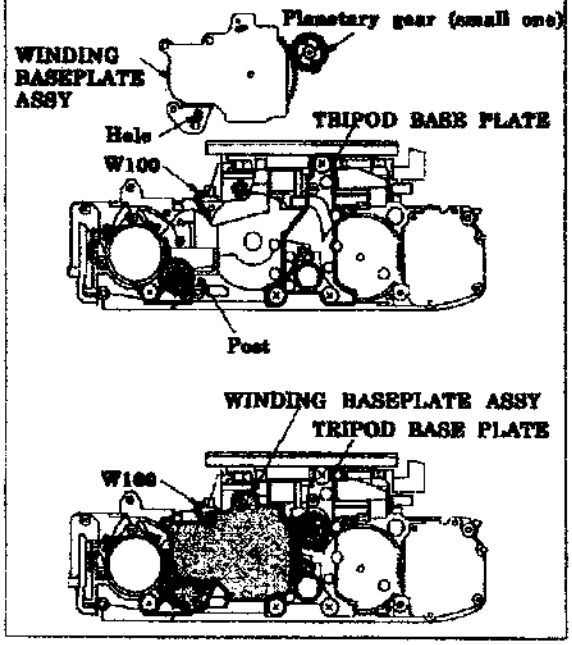
■ Fig. 13

Insert the spring of SPOOL GEAR ASSY fitting to the projection of SPOOL BOTTOM PLATE as illustrated.



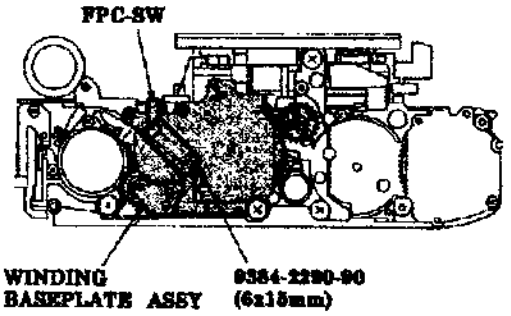
■ Fig. 14

Set the planetary gear as illustrated, and fit the Hole of WINDING BASEPLATE ASSY to the post of TRIPOD BASE PLATE.
Fit the wire (W100) between WINDING BASEPLATE ASSY and TRIPOD BASE PLATE.



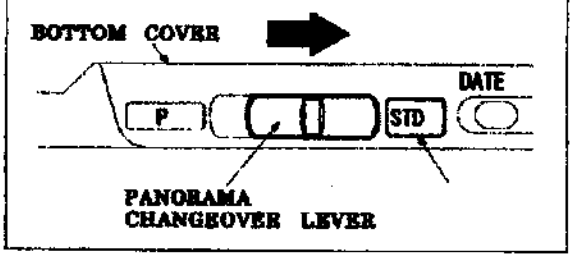
■ Fig. 15

Stick #9384-2290-90 to the designated position.



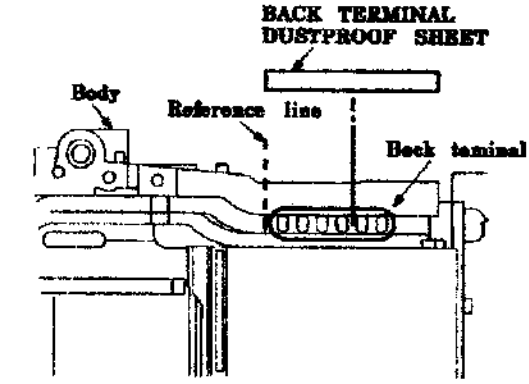
■ Fig. 16 (Panorama model only)

Set PANORAMA CHANGEOVER LEVER to the "STD." position, then install BOTTOM COVER.



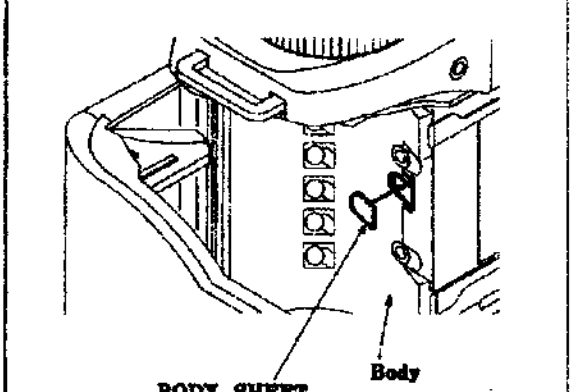
■ Fig. 17

Stick BACK TERMINAL DUSTPROOF SHEET to the designated position.



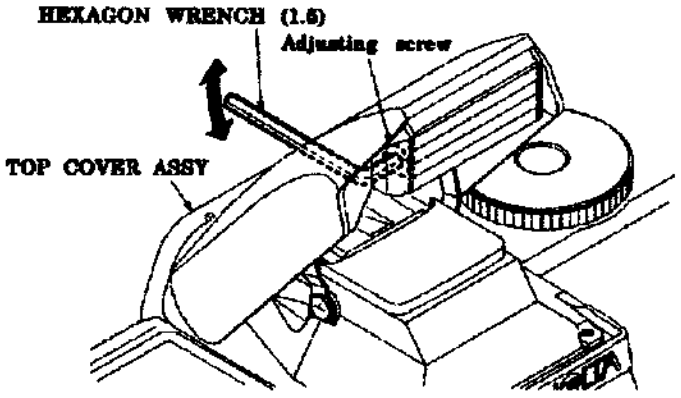
■ Fig. 18

Stick BODY SHEET to the designated position.



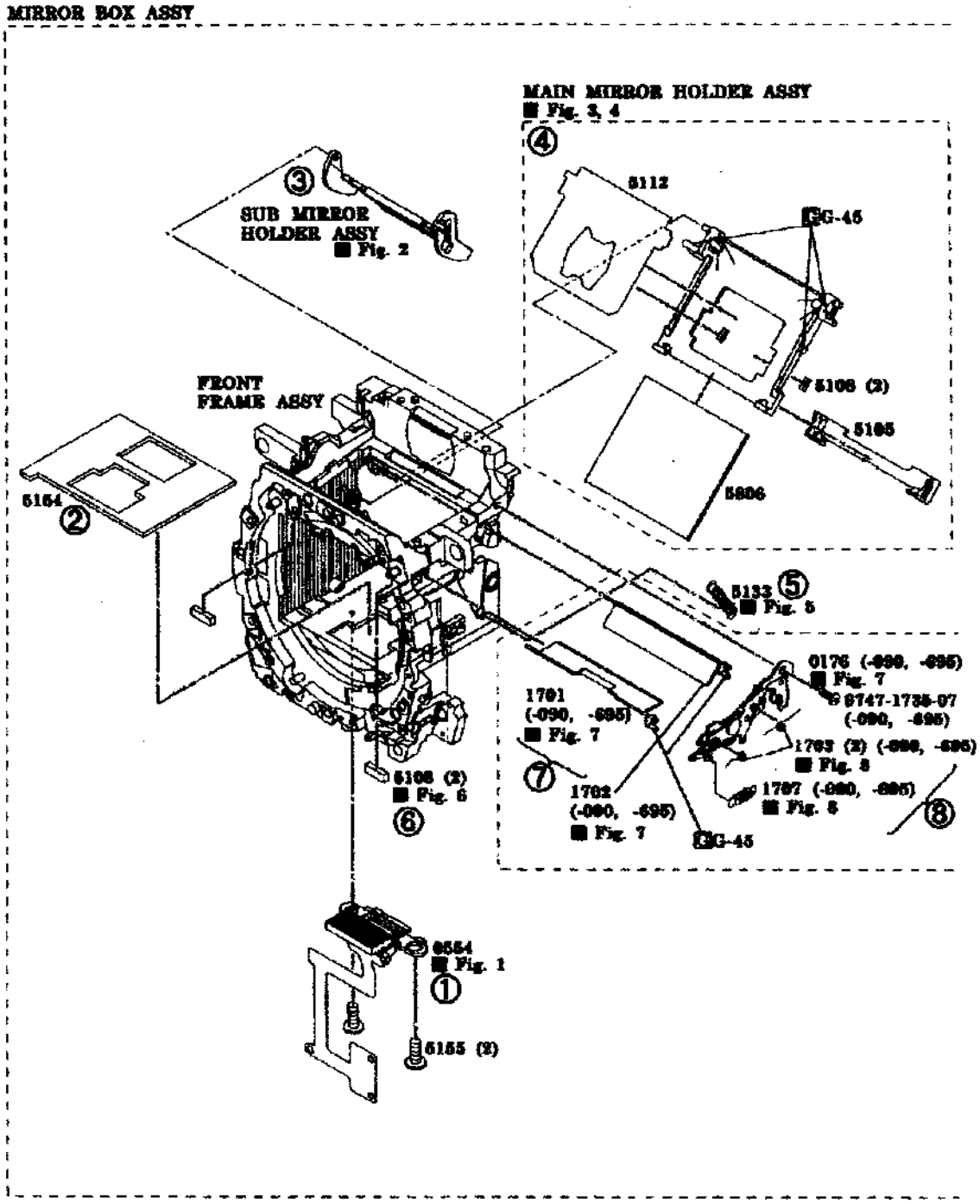
■ Flash Pop-up/lock Check and Adjustment

While Built-in Flash is down, spank it lightly a few times.
Check: Built-in Flash should not pop-up.
Adjustment: Turn the adjusting screw using Hexagon Wrench (1.5) as illustrated.



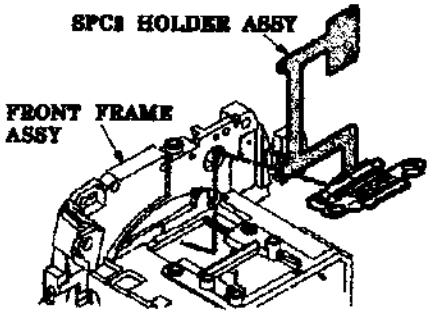
■ MIRROR BOX Assembly-I

Assemble Install the parts in order from 1 to 8.



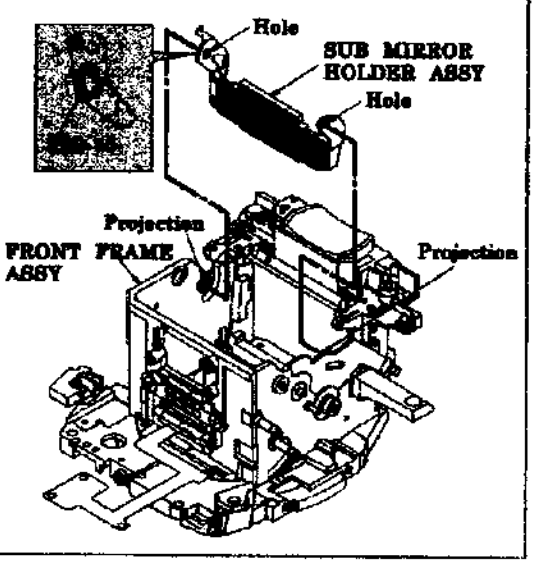
■ Fig. 1

Insert the tip of SPC2 HOLDER ASSY properly to FRONT FRAME ASSY.



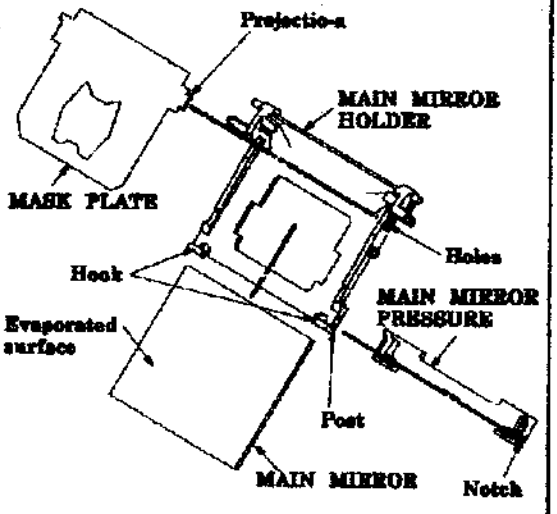
■ Fig. 2

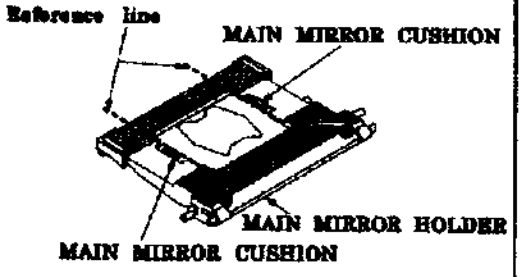
1. Apply G-46 to the designated position.
2. Align SUB MIRROR HOLDER ASSY with FRONT FRAME ASSY as illustrated.
3. Insert the holes of SUB MIRROR HOLDER ASSY to the projections of FRONT FRAME ASSY.



■ Fig. 3

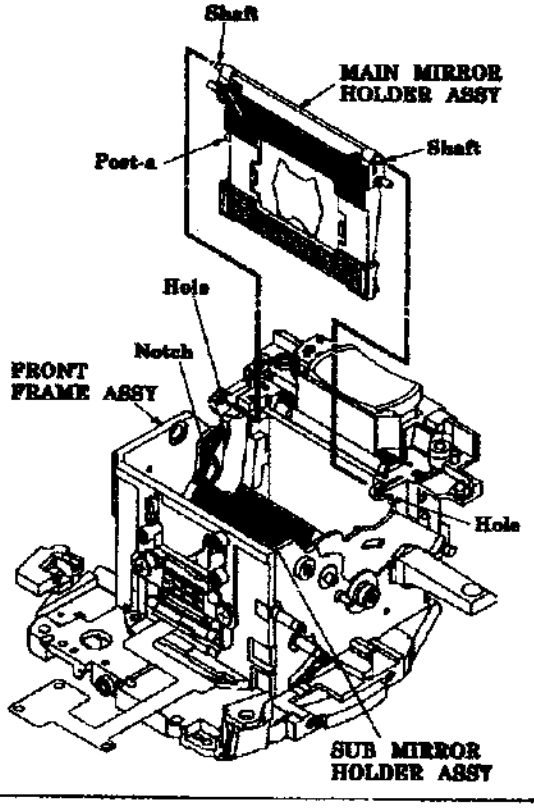
1. Insert projection-a of MASK PLATE to the holes of MAIN MIRROR HOLDER ASSY.
2. Set the evaporated surface upwards, then insert the MAIN MIROR to MIRROR HOLDER ASSY as illustrated.
3. Insert the posts of MAIN MIRROR HOLDER ASSY to the notches of MAIN MIRROR PRESSURE.
4. Stick MAIN MIRROR CUSHION to the designated position.





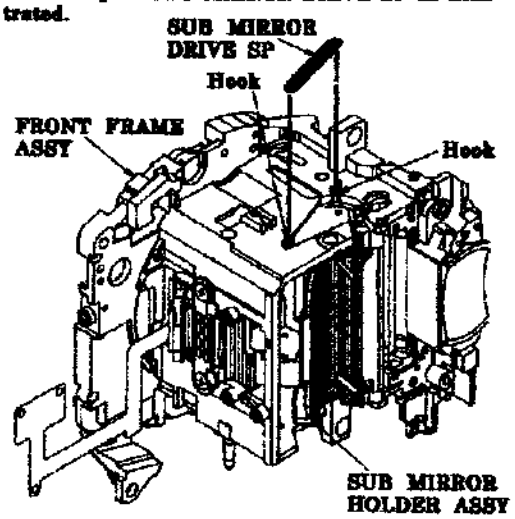
■ Fig. 4

1. Insert MAIN MIRROR HOLDER ASSY to the upper side of SUB MIRROR HOLDER ASSY.
2. Insert the post-a of MAIN MIRROR HOLDER ASSY to the notch of of SUB MIRROR BOLDER ASSY.
3. Insert a shaft of MAIN MIRROR HOLDER ASSY to the hole of FRONT FRAME ASSY, and bend MIRROR BOX ASSY slightly to fit the other shaft to the other hole.



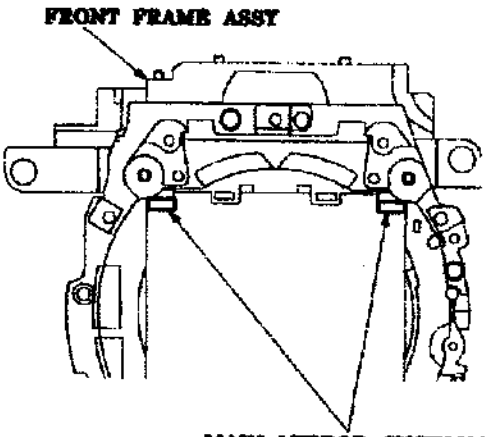
■ Fig. 5

Hook a tip of SUB MIRROR DRIVE SP as illustrated.



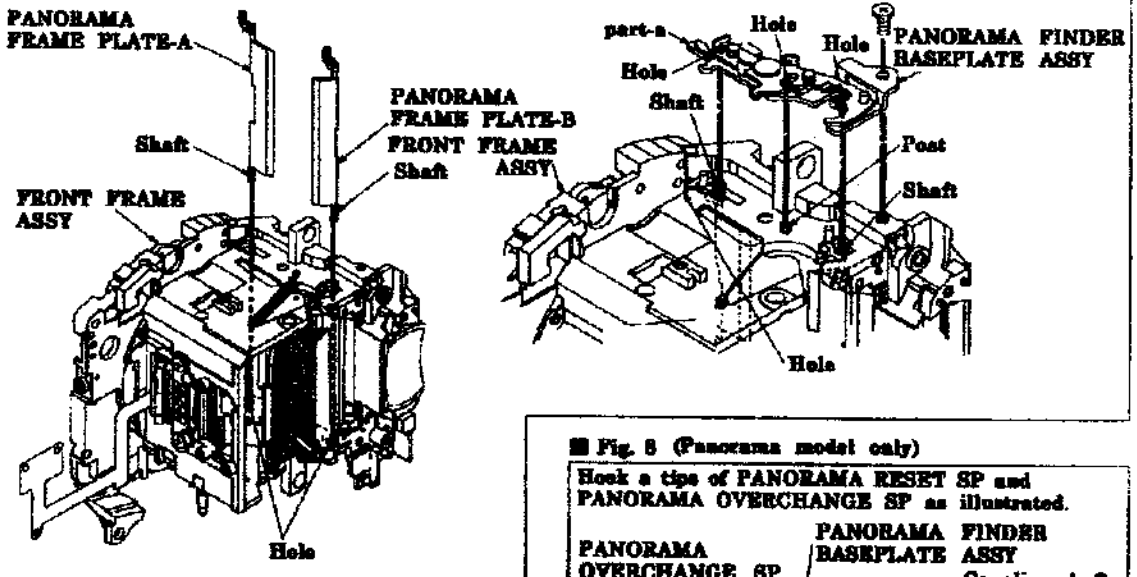
■ Fig. 6

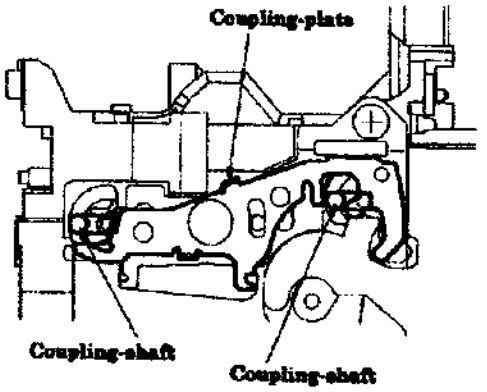
Affix MAIN MIRROR CUSHION as illustrated.



■ Fig. 7 (Panorama model only)

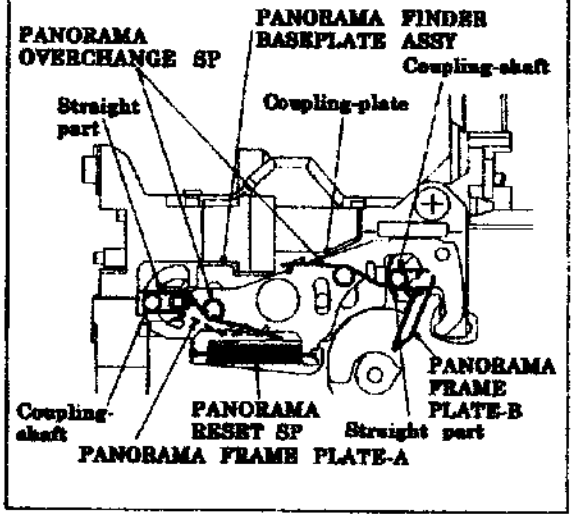
1. Insert the shafts of PANORAMA FRAME PLATE-A and -B to the holes of FRONT FRAME ASSY.
2. While inserting the part-a of PANORAMA FINDER BASEPLATE ASSY to the hole of FRONT FRAME ASSY, fit the holes of PANORAMA FINDER BASEPLATE ASSY to the shafts of PANORAMA FRAME PLATE-A and -B and the post of FRONT FRAME ASSY.
Confirm that the coupling-shafts of PANORAMA FRAME PLATE is fitting to the coupling-plate PANORAMA FINDER BASEPLATE ASSY





■ Fig. 8 (Panorama model only)

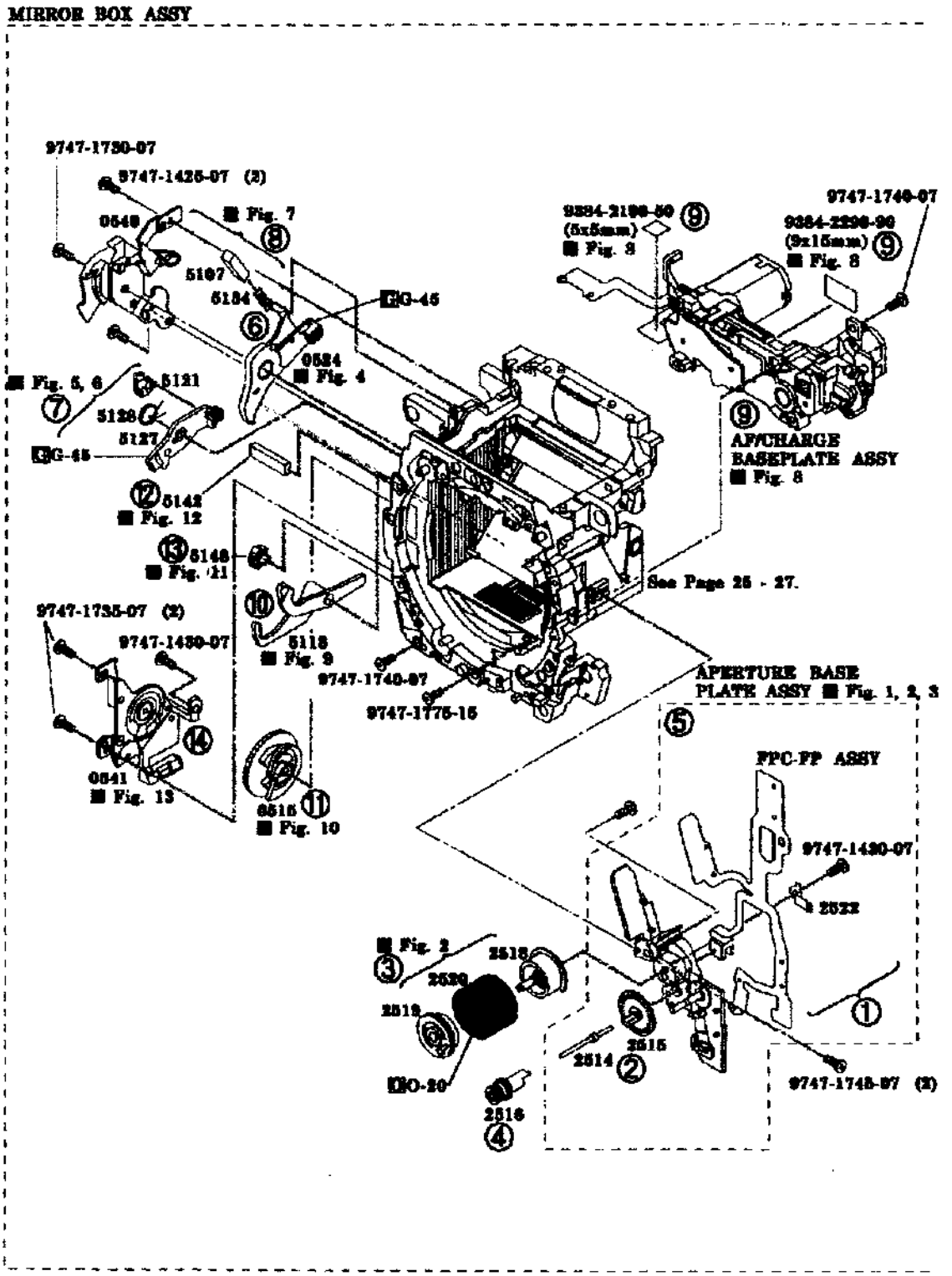
Hook a tips of PANORAMA RESET SP and PANORAMA OVERCHANGE SP as illustrated.



REPAIR GUIDE

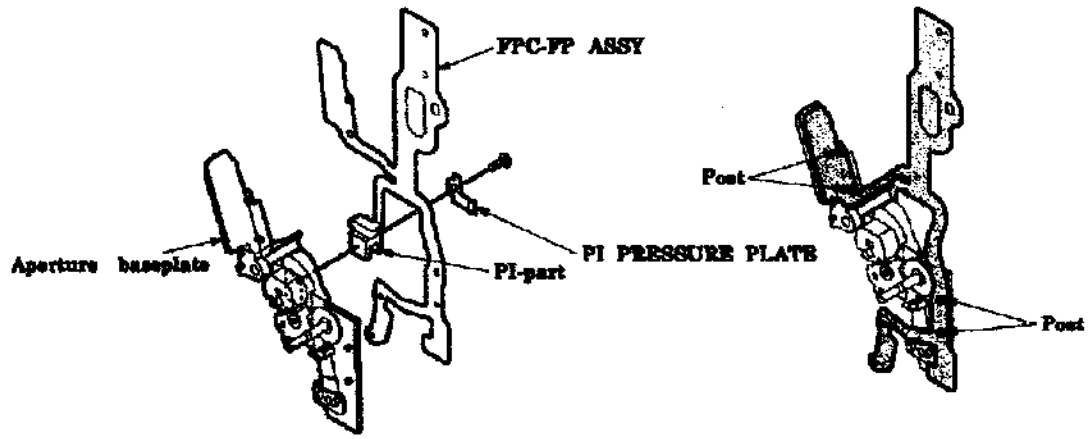
■ MIRROR BOX Assembly-II

Assemble the parts in order from 1 to 14.



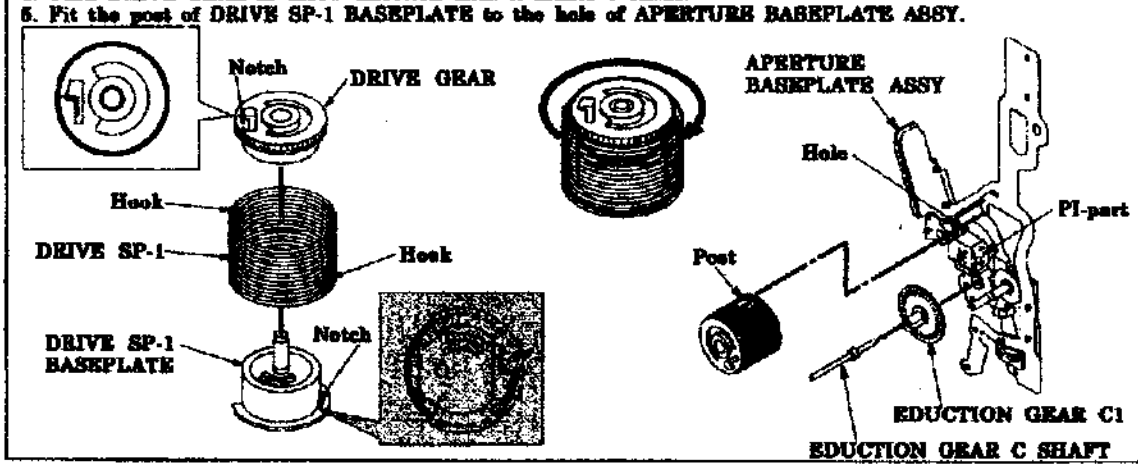
■ Fig. 1

1. Fold back FPC-FP ASSY as illustrated, then insert the PI-part to the aperture baseplate.
2. Fit the PI-part using PI PRESSURE PLATE.
3. Align the holes of FPC-FP ASSY fitting to the posts of the aperture baseplate.



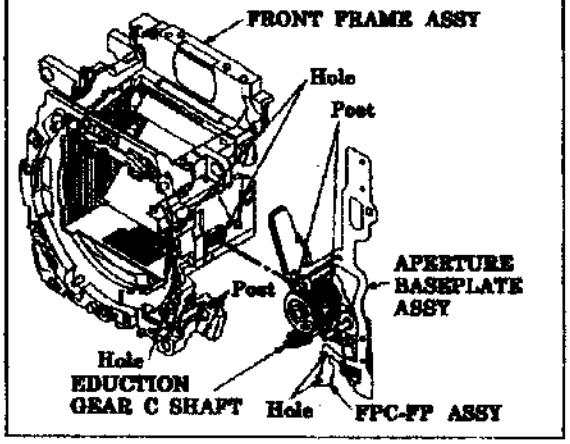
■ Fig. 2

1. Fit REDUCTION GEAR C1 to the gap of the PI-part, the insert REDUCTION GEAR C SHAFT.
2. Hook a tip of DRIVE SP-1 to the notch of DRIVE SP-1 BASEPLATE as illustrated.
3. Hook the other tip of DRIVE SP-1 to the notch of DRIVE GEAR as illustrated.
4. Turn DRIVE GEAR in arrow direction until it makes 3 clicks.
5. Fit the post of DRIVE SP-1 BASEPLATE to the hole of APERTURE BASEPLATE ASSY.



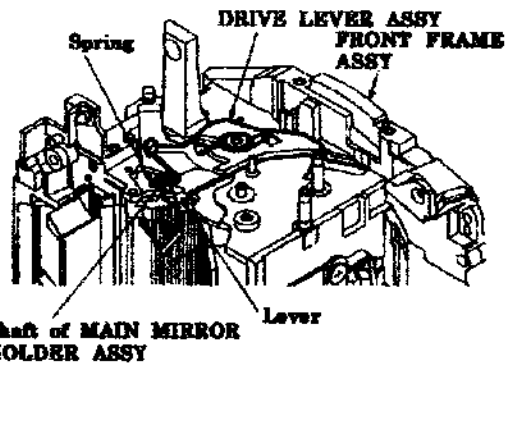
■ Fig. 3

1. Fit the post of APERTURE BASEPLATE ASSY and EDUCTION GEAR C SHAFT to the holes of MIRROR BOX.
2. Fit the holes of FPC-FP ASSY to the posts of FRONT FRAME ASSY.



■ Fig. 4

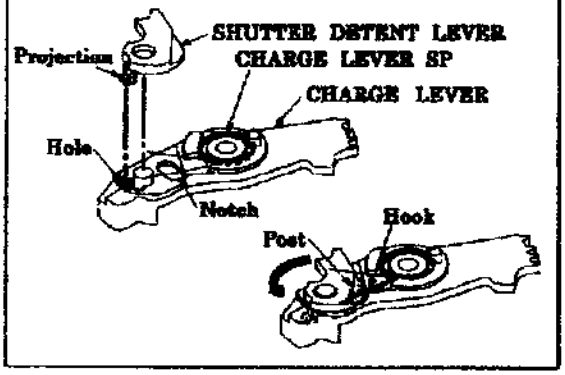
Install DRIVE LEVER ASSY to FRONT FRAME ASSY as illustrated so that the shaft of MAIN MIRROR HOLDER ASSY comes in between the lever and the spring of DRIVE LEVER ASSY.



REPAIR GUIDE

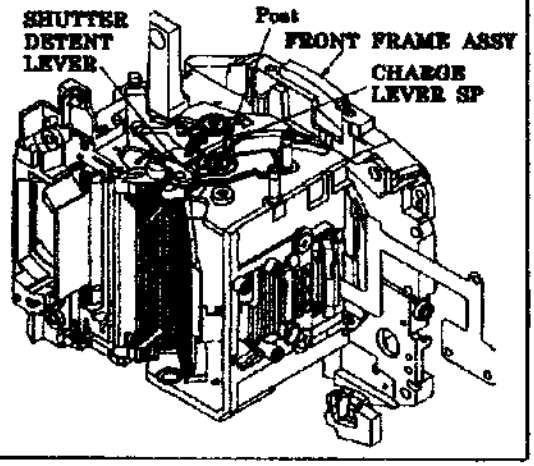
■ Fig. 5

1. Align CHARGE LEVER SP and CHARGE LEVER as illustrated.
2. Fit the projection of SHUTTER DETENT LEVER to the hole of the CHARGE LEVER, then turn SHUTTER DETENT LEVER in arrow direction.
   Be sure to hook a tip of CHARGE LEVER SP to the post of SHUTTER DETENT LEVER.



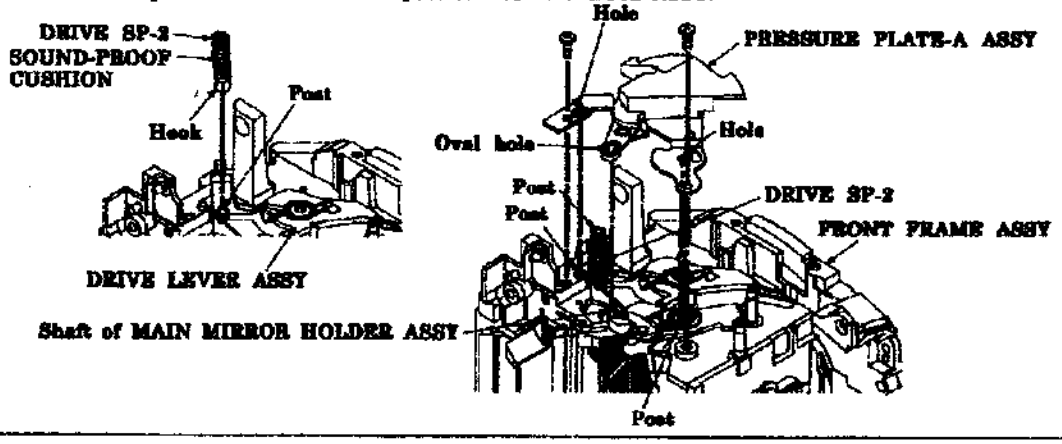
■ Fig. 6

Insert SHUTTER DETENT LEVER to MIRROR BOX ASSY as illustrated, then hook the other tip of of CHARGE LEVER SP to the post of FRONT FRAME ASSY.



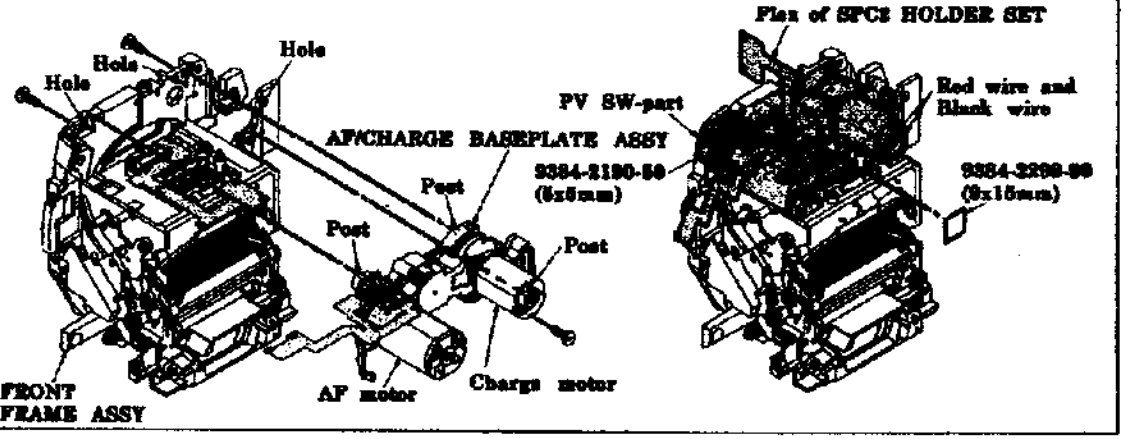
■ Fig. 7

1. Insert SOUND-PROOF CUSHION to DRIVE SP-2, and hook a tip of DRIVE SP-2 to the projection of DRIVE LEVER ASSY.
2. Insert the shaft of the MAIN MIRROR HOLDER ASSY to the oval hole of PRESSURE PLATE-A ASSY, and fit its holes to the posts of CHARGE LEVER and FRONT FRAME ASSY.
3. Hook the other tip of DRIVE SP-2 to the post of FRONT FRAME ASSY.



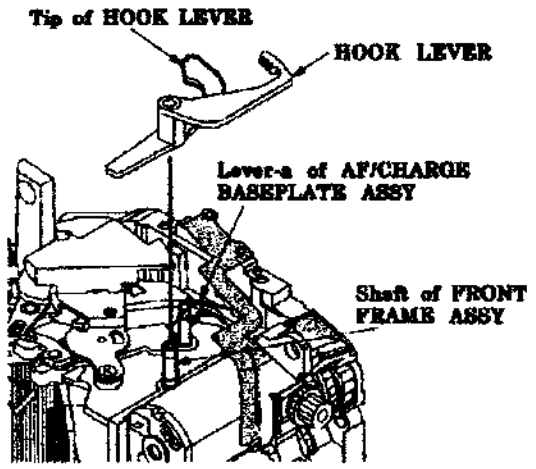
■ Fig. 8

1. Insert AF/CHARGE BASEPLATE ASSY with the charge motor side first to FRONT FRAME ASSY fitting its posts to the hole.
2. Stick #9384-2290-90 to affix the flex of SPC2 HOLDER SET as illustrated.
3. Arrange the flexes and the lead wires as illustrated.
4. Stick #9384-2190-50 to affix the PV SW-part of AF/CHARGE BASEPLATE ASSY.



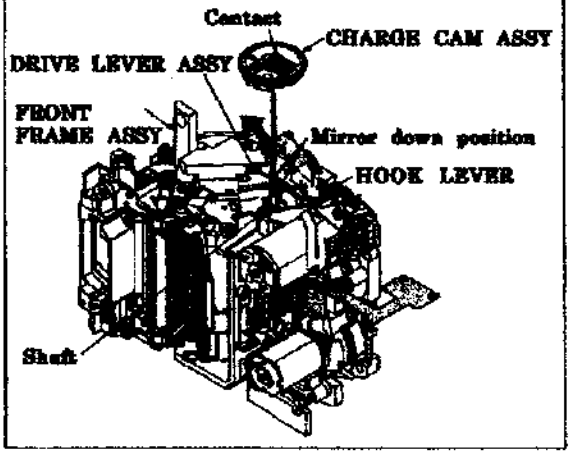
■ Fig. 9

Align the tip of HOOK LEVER under the lever-a of AF/CHARGE BASEPLATE ASSY, then fit HOOK LEVER to the shaft of MIRROR BOX ASSY.



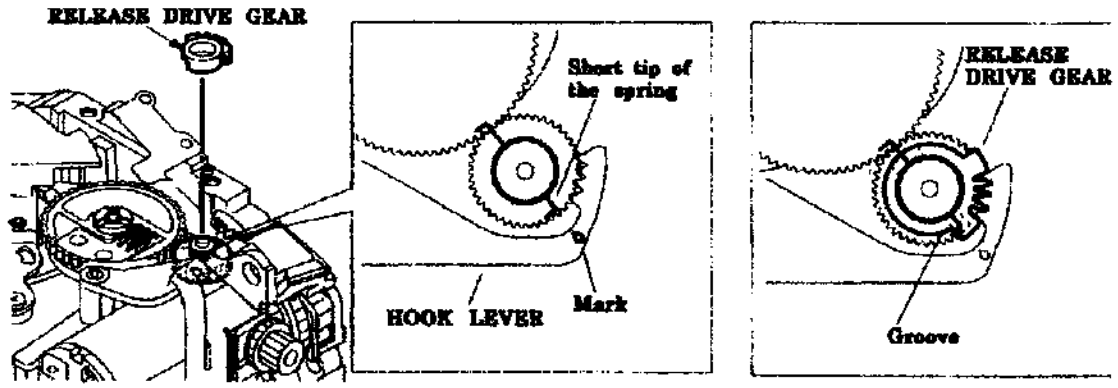
■ Fig. 10

1. Turn the DRIVE LEVER ASSY and the HOOK LEVER in arrow direction so that DRIVE LEVER ASSY looks to set mirror to down position.
2. Insert CHARGE CAM ASSY to the shaft of FRONT FRAME ASSY as illustrated.



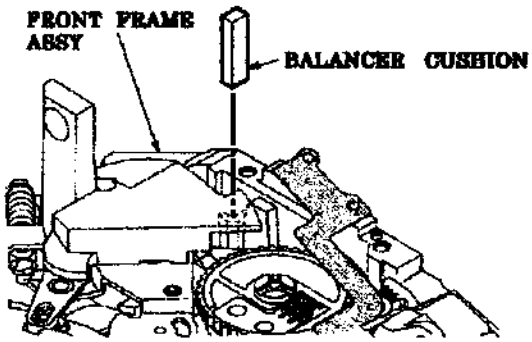
■ Fig. 11

1. Align the mark of HOOK LEVER with the short tip of the designated spring of AF/CHARGE BASE-PLATE ASSY.
2. Hook the tip mentioned above to the groove of RELEASE DRIVE GEAR aligning the teeth of the gears as illustrated.
   Make sure RELEASE DRIVE GEAR is firmly seated.



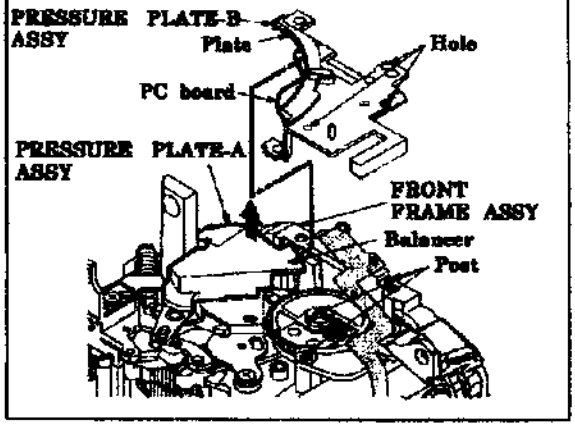
■ Fig. 12

Affix BALANCER CUSHION as illustrated.



■ Fig. 13

1. Keep the balancer part of PRESSURE PLATE-A ASSY slightly upwards then insert the balancer between the plate and PC board of PRESSURE PLATE-B ASSY.
2. Fit the posts of FRONT FRAME ASSY to the holes of PRESSURE PLATE-B ASSY.



REPAIR GUIDE

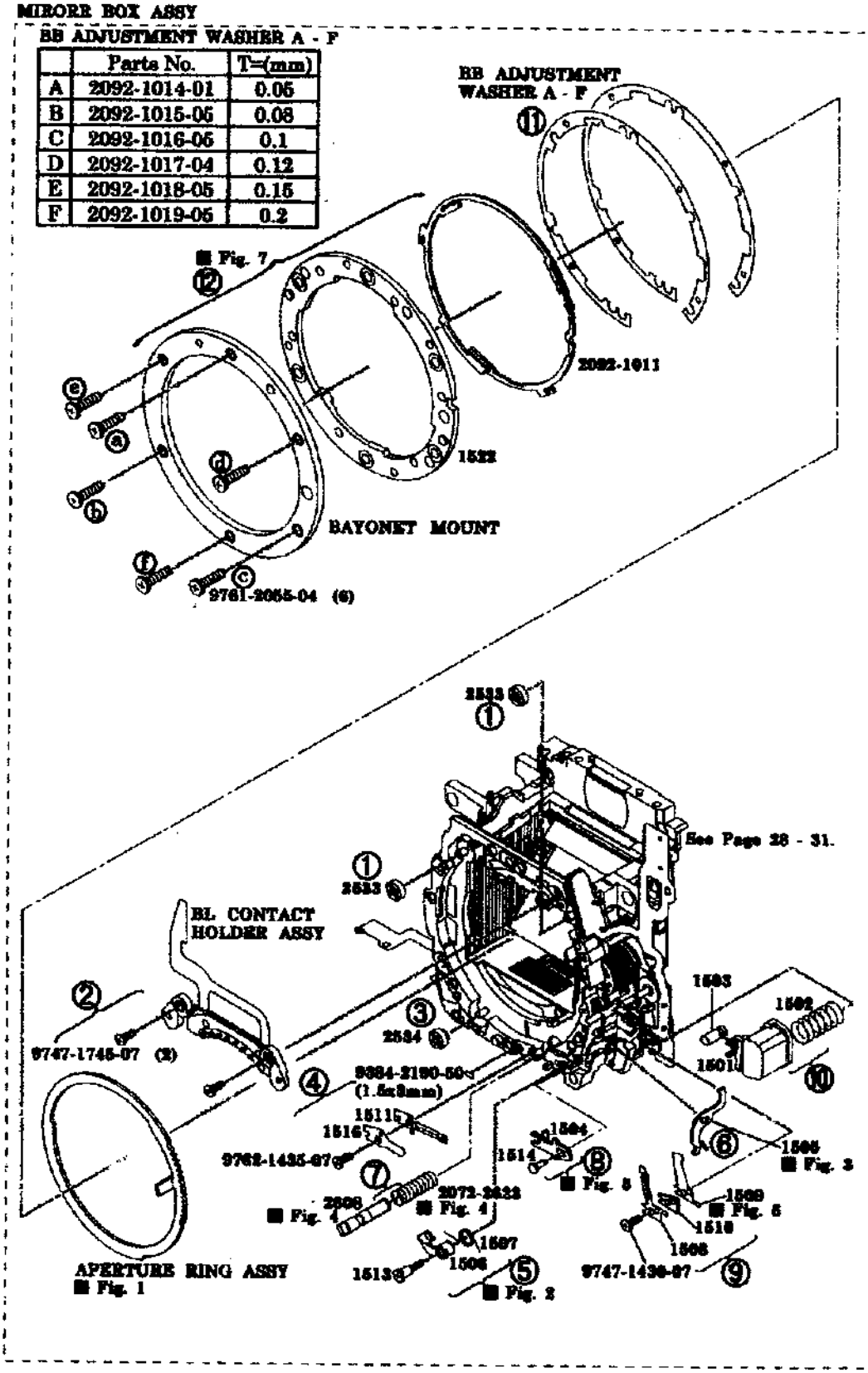
■ MIRROR BOX Assembly-III

Assemble the parts in order from 1 to 12.

MIRORR BOX ASSY

BB ADJUSTMENT WASHER A - F

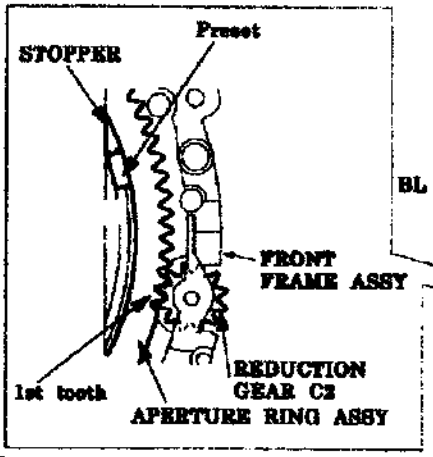
	Parts No.	T=(mm)
A	2092-1014-01	0.05
B	2092-1015-05	0.08
C	2092-1016-05	0.1
D	2092-1017-04	0.12
E	2092-1018-05	0.15
F	2092-1019-05	0.2

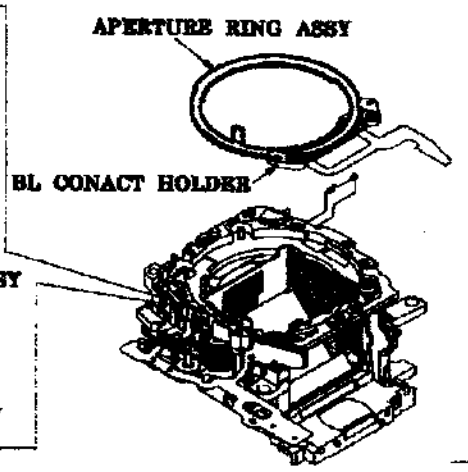


REPAIR GUIDE

■ Fig. 1

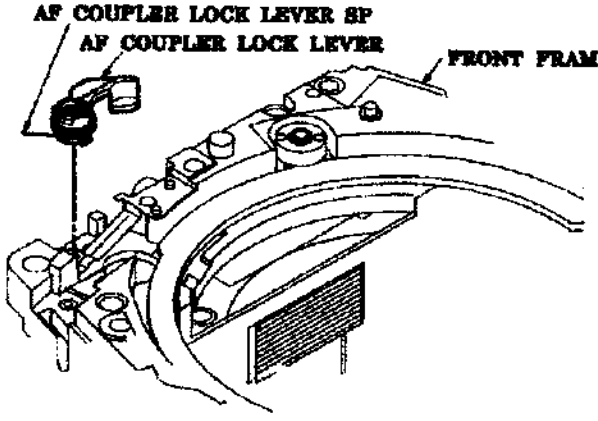
1. Set BL CONACT HOLDER ASSY and APERTURE RING ASSY as illustrated.
2. Insert the 1st tooth of APERTURE RING ASSY to REDUCTION GEAR C2 as illustrated. Confirm that there is no clearance between the stopper of FRONT FRAME ASSY and the Preset of APERTURE RING ASSY.

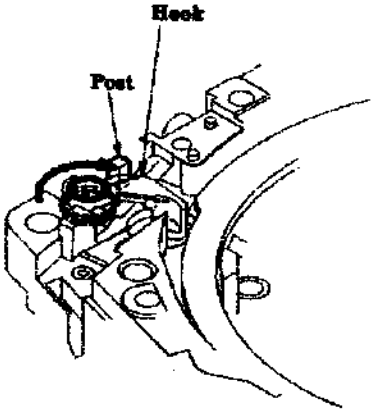




■ Fig. 2

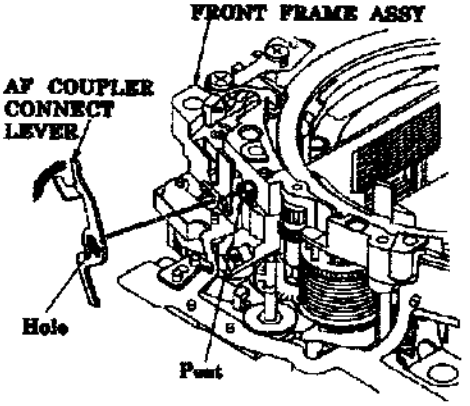
1. Hook a tip of AF COUPLER LOCK LEVER SP to AF COUPLER LOCK LEVER fitting them to FRONT FRAME ASSY.
2. Hook the other tip of AF COUPLER LOCK LEVER SP to the post of FRONT FRAME ASSY.





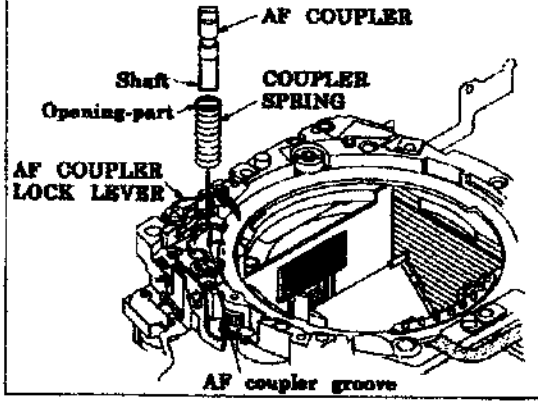
■ Fig. 3

Fit the hole of AF COUPLER CONNECT LEVER to the post of FRONT FRAME ASSY, then turn AF COUPLER CONNECT LEVER in arrow direction.



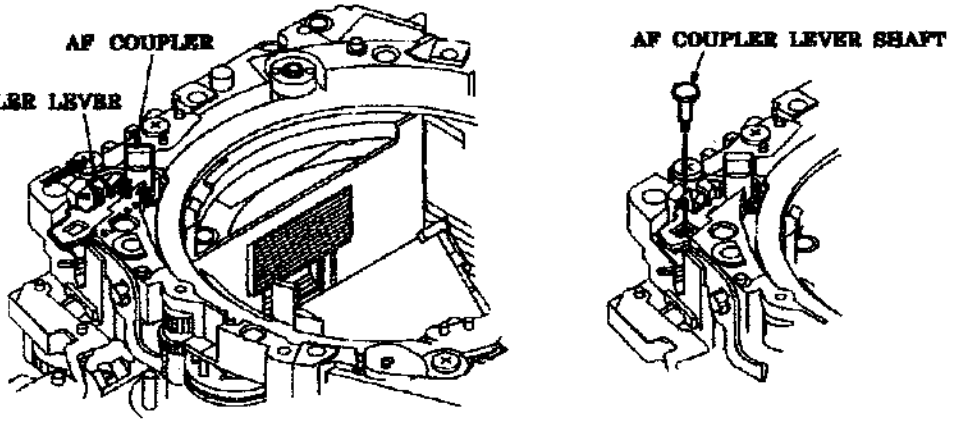
■ Fig. 4

1. Align the opening-part of COUPLER SPRING with the shaft of AF COUPLER to install.
2. Holding AF COUPLER LOCK LEVER obliquely, align the shaft of AF COUPLER with the AF coupler groove of AF/CHARGE BASEPLATE ASSY to install, then release AF COUPLER LOCK LEVER.



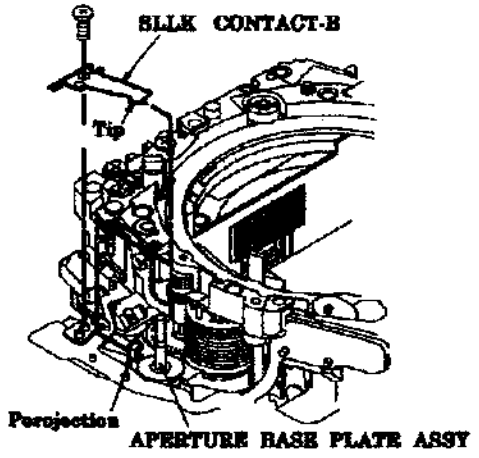
■ Fig. 5

1. Align AF COUPLER LEVER as illustrated, then slide it in arrow direction to fit.
2. Insert AF COUPLER LEVER SHAFT to the designated position.



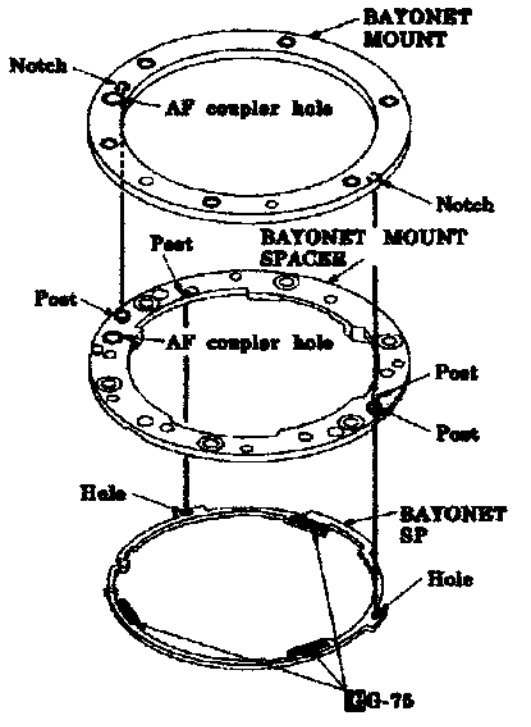
■ Fig. 6

Install the tip of SLLK CONTACT-B beneath the projection of APERTURE BASE PLATE ASSY.



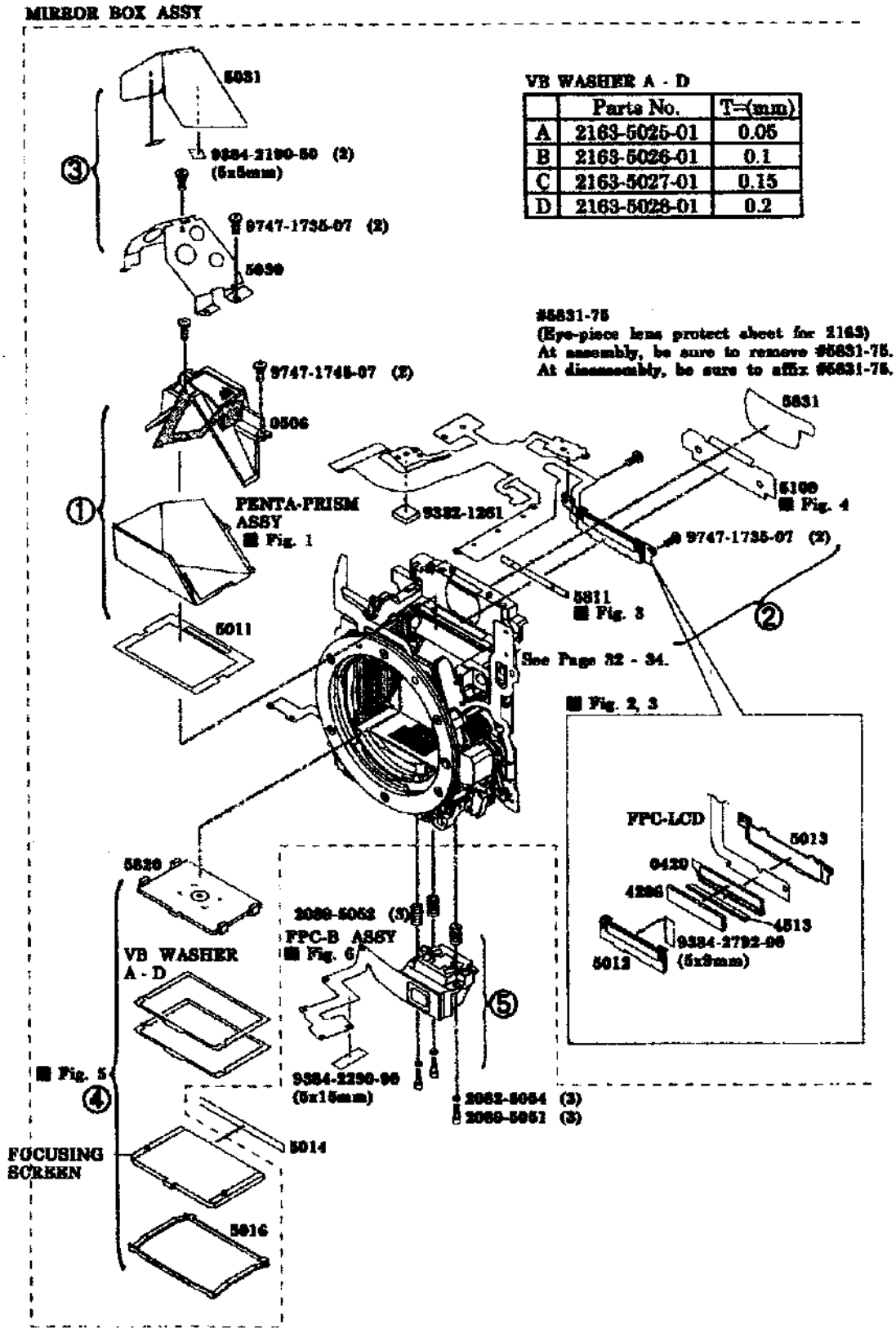
■ Fig. 7

1. Apply G-75 to the designated position of BAYONET SP.
2. Install BAYONET SP aligning its holes with the posts of BAYONET MOUNT SPACER as illustrated.
3. Fit the posts of BAYONET MOUNT SPACER to the notches of BAYONET MOUNT aligning the AF coupler holes of BAYONET MOUNT and BAYONET MOUNT SPACER.



■ MIRROR BOX Assembly-V, FPC-B ASSY Installation

Assemble the parts in order from 1 to 5.

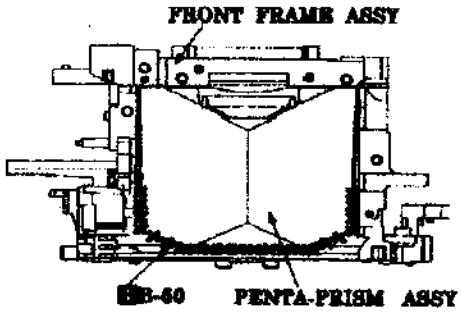


VB WASHER A - D

	Parts No.	T=(mm)
A	2163-5025-01	0.05
B	2163-5026-01	0.1
C	2163-5027-01	0.15
D	2163-5028-01	0.2

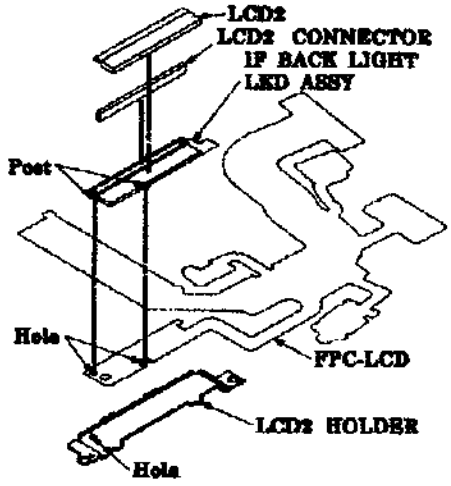
■ Fig. 1

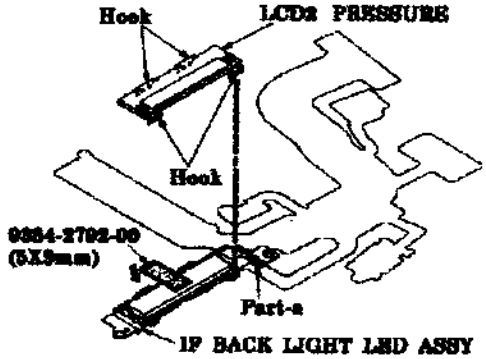
Apply B-60 to the designated positions of MIRROR BOX ASSY and PENTA-PRISM ASSY.



■ Fig. 2

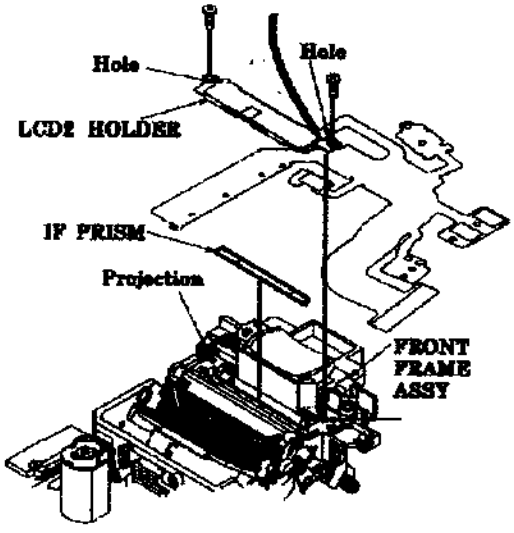
1. Hold the holes of FPC-LCD to the posts of the IF BACK LIGHT LED ASSY.
2. Install the hole of LCD2 HOLDER to the posts of the IF BACK LIGHT LED ASSY.
   Be sure to insert FPC-LCD inside the parts of LCD2 HOLDER.
3. Set LCD2 CONNECTOR and LCD2, and affix them with #9284-2792-00 as illustrated.
4. Hook the tip of LCD2 PRESSURE to LCD2 HOLDER.

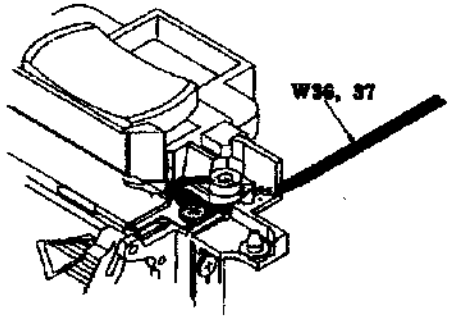




■ Fig. 3

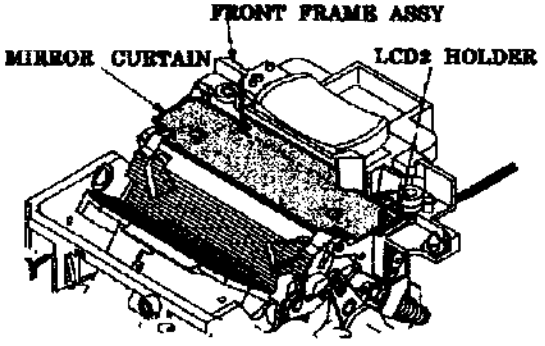
1. Fit IF PRISM to MIRROR BOX ASSY as illustrated.
2. Fit the holes of LCD2 HOLDER to the projections of MIRROR BOX ASSY.
   Arrange the lead wires (W36 and W37) as illustrated.





■ Fig. 4

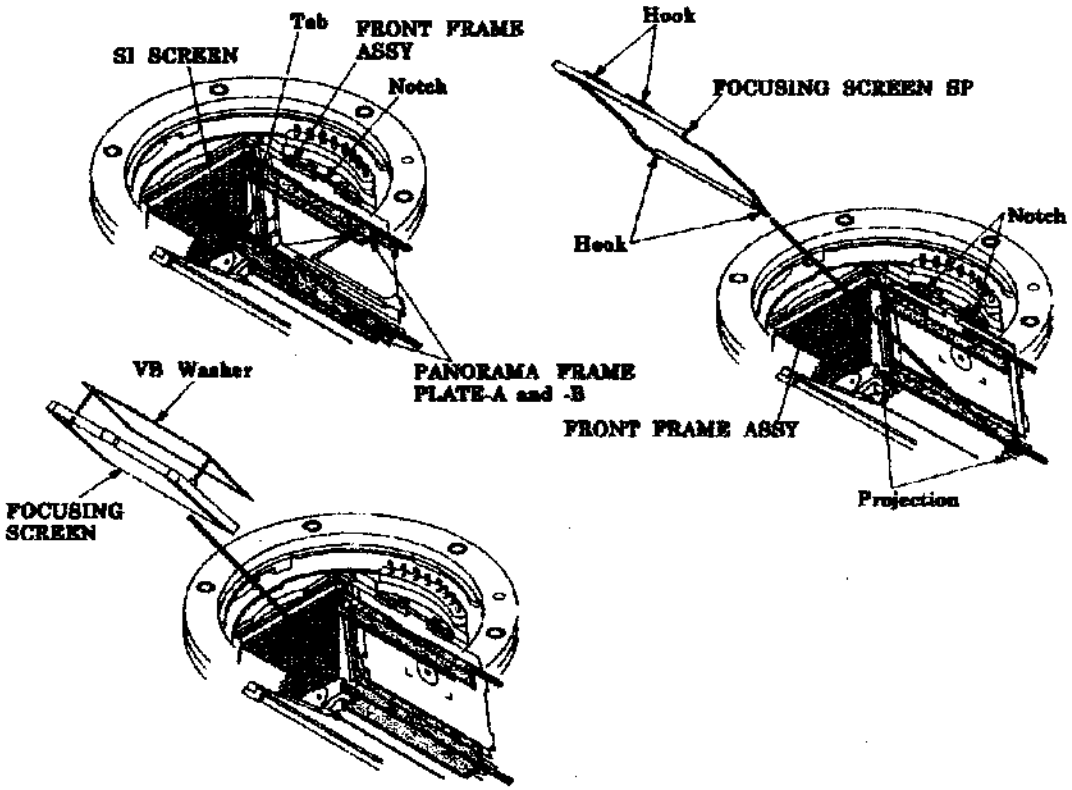
Affix MIRROR CURTAIN as illustrated.



■ Fig. 5 SI SCREEN, FOCUSING SCREEN Removal/Installation

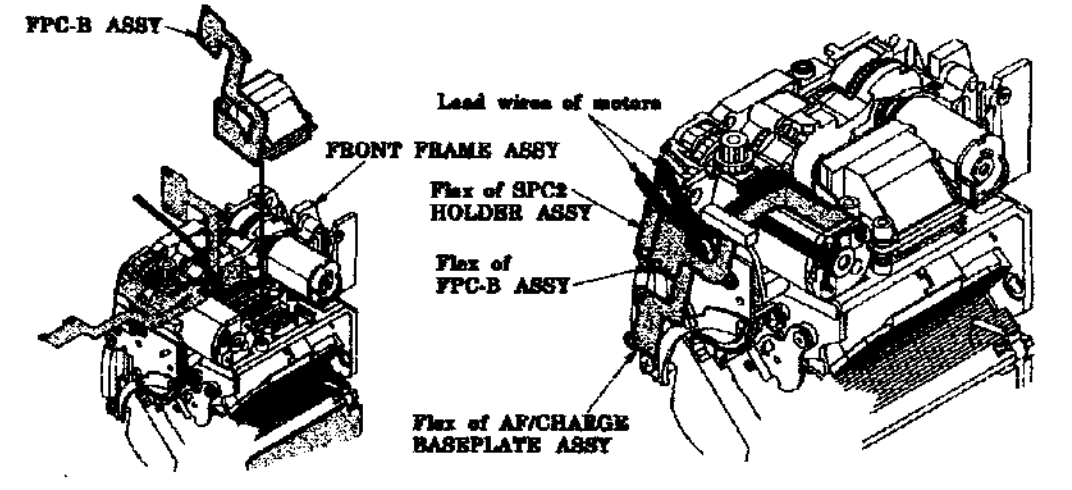
Removal
1. Set to the Panorama mode (Panorama model only).
2. Disengage the hook tip of FOCUSING SCREEN SP, and turn it by 45 degrees to remove.
3. Set to the Standard mode (Panorama model only).
4. Remove FOCUSING SCREEN and VB WASHER(s).
5. Remove SI SCREEN.

Installation
1. Set to the Standard mode (Panorama model only).
2. Fit the tab of SI SCREEN to the notch of MIRROR BOX ASSY to install.
3. Install FOCUSING SCREEN and VB WASHER.
4. Set to the Panorama mode (Panorama model only).
5. Holding FOCUSING SCREEN SP at 45 degrees, then fit it to the projections of MIRROR BOX ASSY .
6. Hook the tip of FOCUSING SCREEN SP to the notch of MIRROR BOX ASSY.



■ Fig. 6

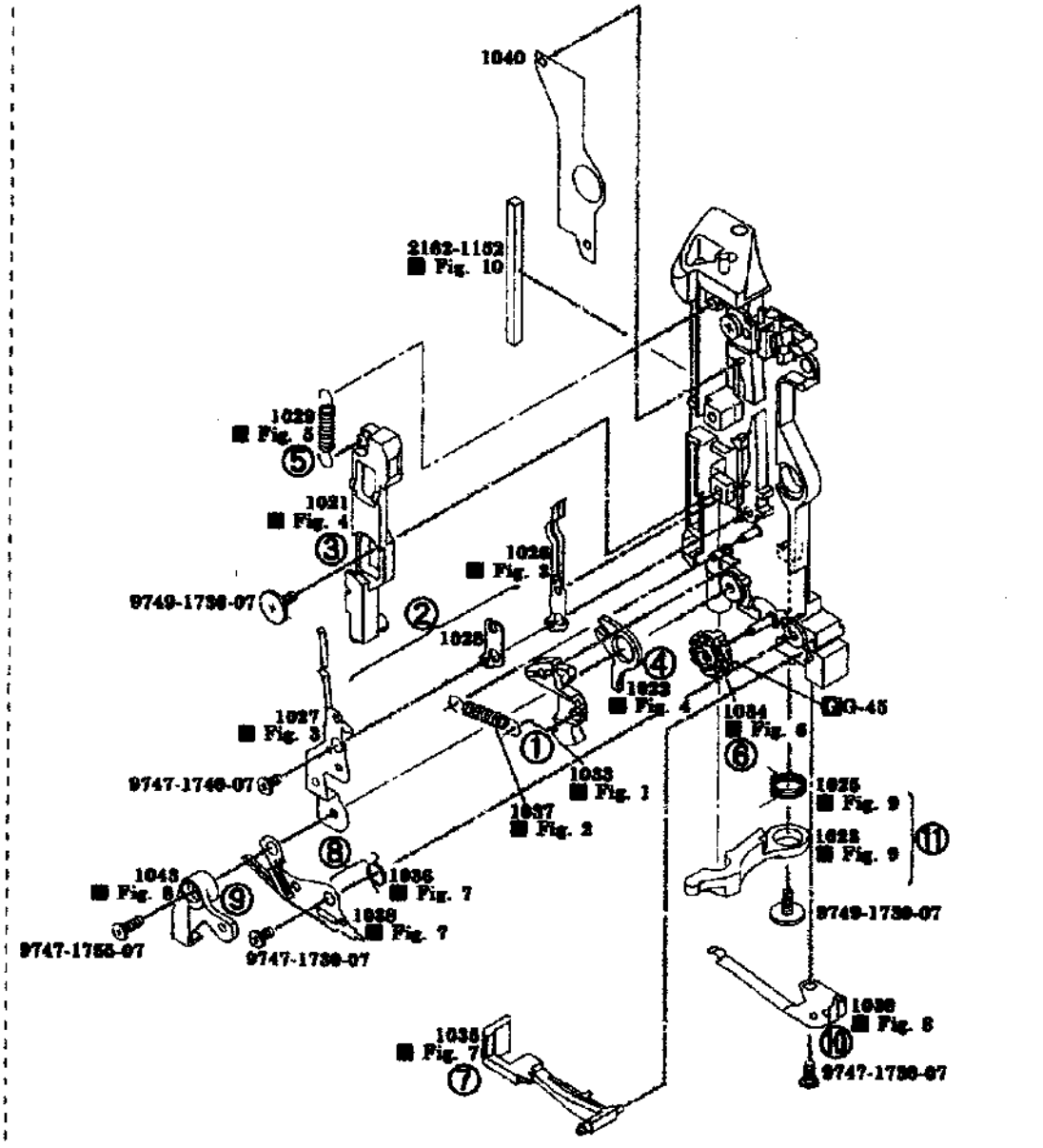
1. Arrange FPC-B ASSY as illustrated to install to MIRROR BOX ASSY.
2. Arrange the flexes and the lead wires as illustrated.



■ SAFETY LOCK BASEPLATE ASSY Assembly

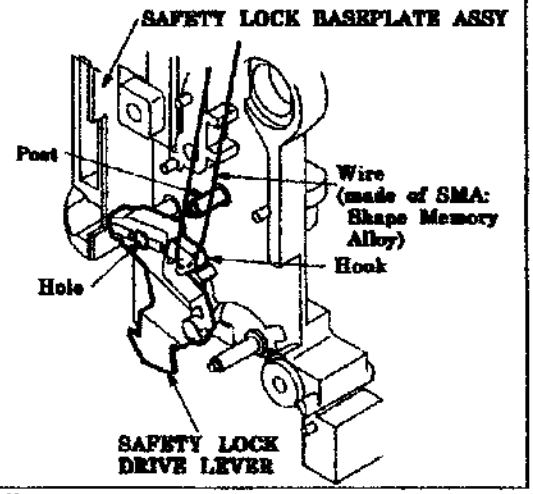
Assemble the parts in order from 1 to 11.

SAFETY LOCK BASEPLATE ASSY



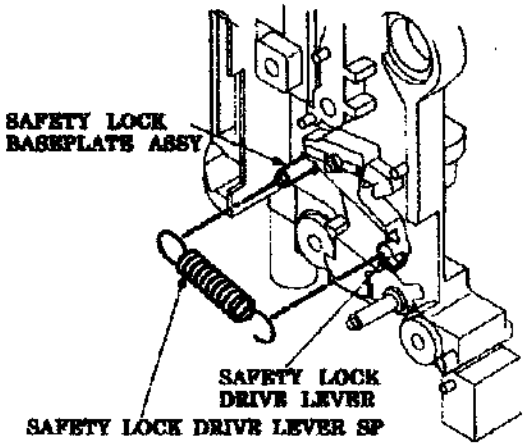
■ Fig. 1

Hang a wire of SMA (Shape Memory Alloy) to the hook of SAFETY LOCK DRIVE LEVER, then install its hole fitting to the post SAFETY LOCK BASEPLATE ASSY.



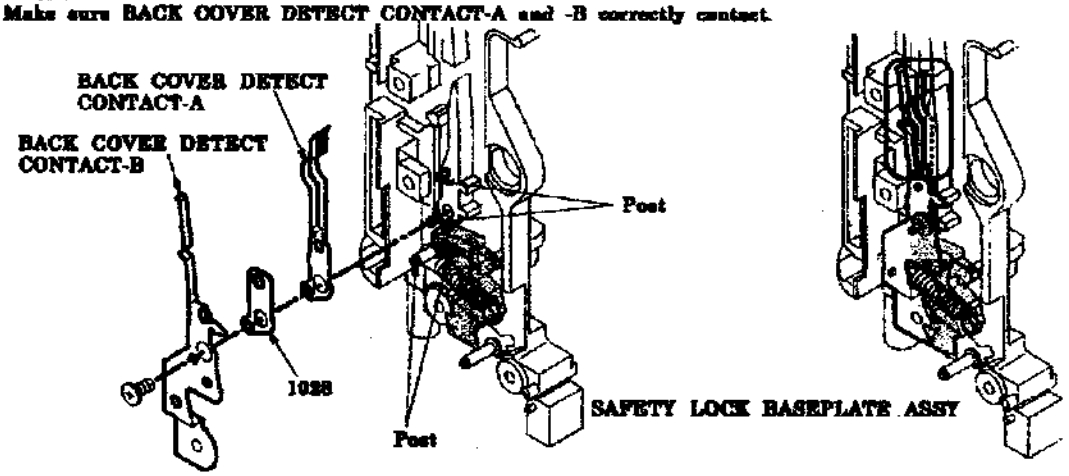
■ Fig. 2

Hook the tips of SAFETY LOCK LOCK SP as illustrated.



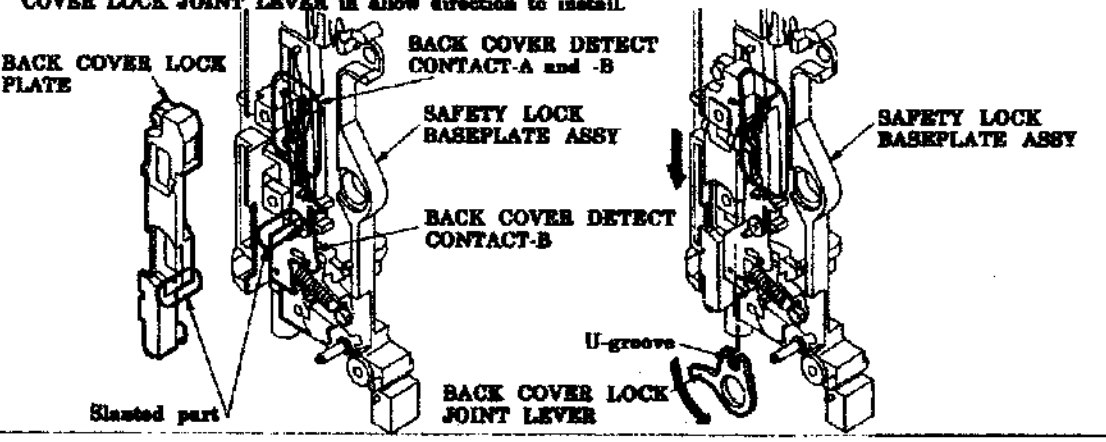
■ Fig. 3

Install BACK COVER DETECT CONTACT-A and -B to the posts of SAFETY LOCK BASEPLATE ASSY as illustrated.
Make sure BACK COVER DETECT CONTACT-A and -B correctly contact.



■ Fig. 4

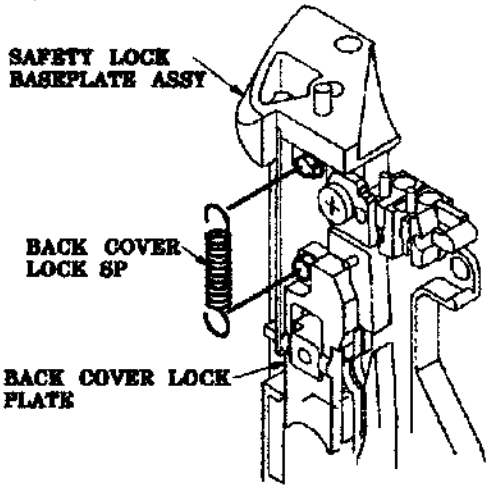
1. Align the slanted part of BACK COVER DETECT CONTACT-B with that of BACK COVER LOCK PLATE to install, then slide BACK COVER LOCK PLATE down.
   Make sure BACK COVER LOCK PLATE does not go over BACK COVER DETECT CONTACT-A and also BACK COVER DETECT CONTACT-A and -B surely make contact when BACK COVER LOCK PLATE slides in arrow direction.
2. Fit U-groove of BACK COVER LOCK JOINT LEVER to BACK COVER LOCK PLATE, then turn BACK COVER LOCK JOINT LEVER in allow direction to install.



REPAIR GUIDE

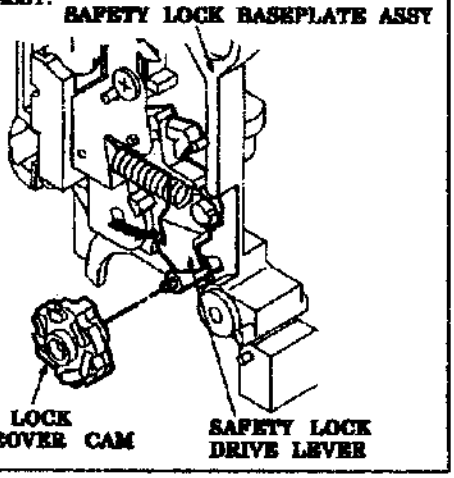
■ Fig. 5

Hook the tip of BACK COVER LOCK SP as illustrated.



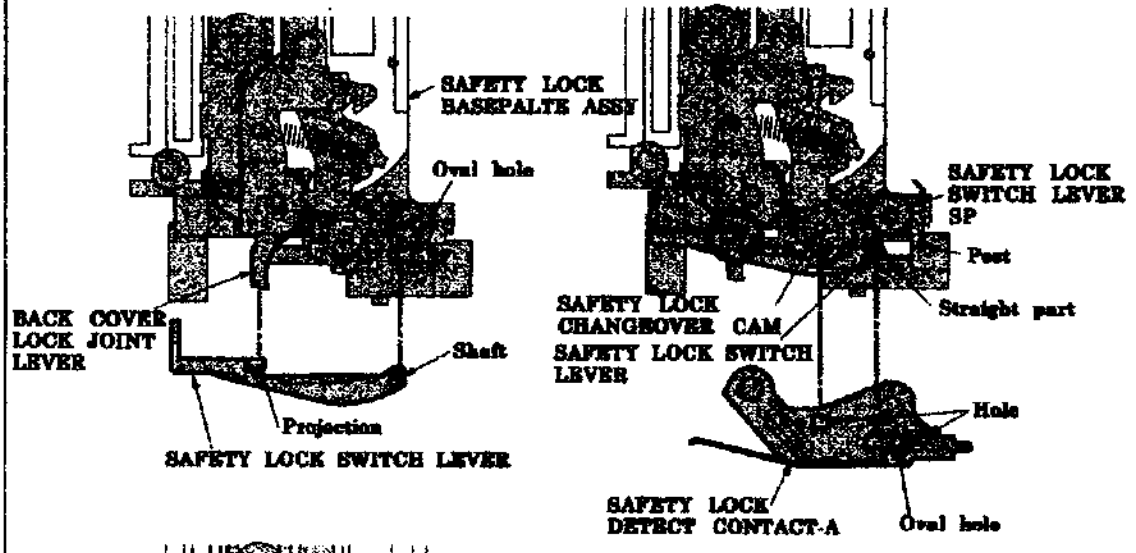
■ Fig. 6

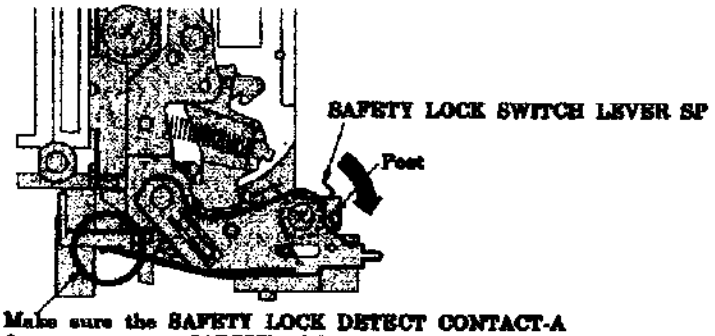
Holding SAFETY LOCK DRIVE LEVER in arrow direction, and install SAFETY LOCK CHANGEOVER CAM to SAFETY LOCK BASEPLATE ASSY.



■ Fig. 7

1. Insert the shaft of SAFETY LOCK SWITCH LEVER to the oval hole of SAFETY LOCK BASEPALTE ASSY, and fit BACK COVER LOCK JOINT LEVER between the lever and the projection of SAFETY LOCK SWITCH LEVER.
2. Hold the tip of SAFETY LOCK SWITCH LEVER SP along SAFETY LOCK SWITCH LEVER, then install to SAFETY LOCK BASEPALTE ASSY.
3. Fit the holes of SAFETY LOCK DETECT CONTACT-A to the posts of SAFETY LOCK CHANGEOVERE CAM, SAFETY LOCK BASEPALTE ASSY and SAFETY LOCK SWITCH LEVER.
   Make sure the SAFETY LOCK DETECT CONTACT-A does not go over SAFETY LOCK SWITCH LEVER.
4. Hook the tip of SAFETY LOCK SWITCH LEVER to the post of SAFETY LOCK BASEPALTE ASSY.

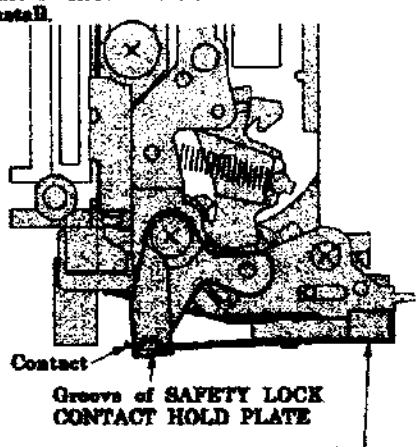




Make sure the SAFETY LOCK DETECT CONTACT-A does not go over SAFETY LOCK SWITCH LEVER.

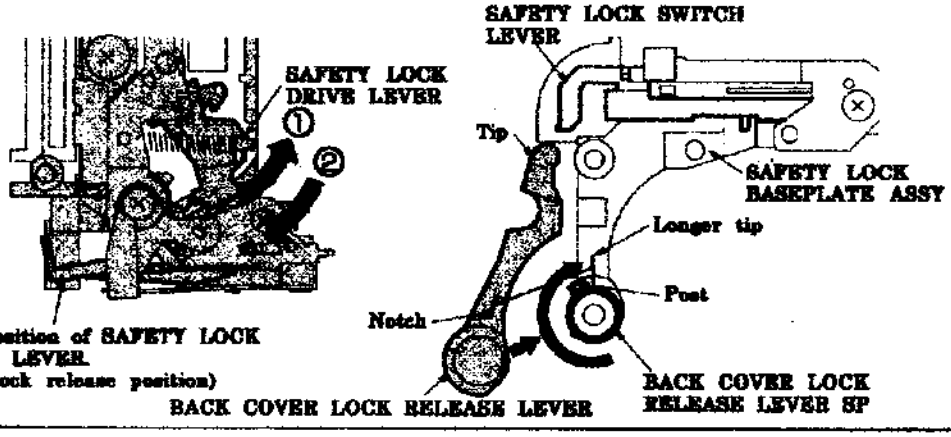
■ Fig. 8

Fit the contact of SAFETY LOCK DETECT CONTACT-B to the groove of SAFETY LOCK CONTACT HOLD PLATE to install.



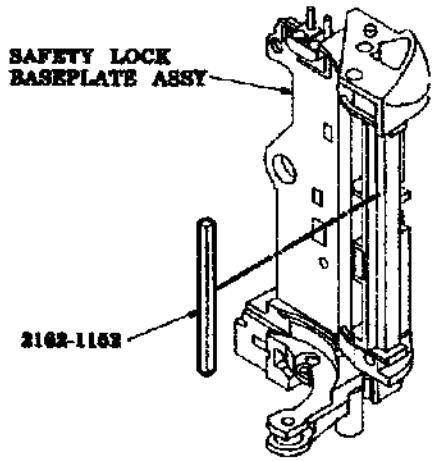
■ Fig. 9

1. Turn SAFETY LOCK DRIVE LEVER in arrow direction to set SAFETY LOCK SWITCH LEVER to the lower position.
2. Turn the BACK COVER LOCK RELEASE LEVER SP in arrow direction to charge the spring, and hook it to SAFETY LOCK BASEPLATE ASSY as illustrated.
3. Insert the tip of BACK COVER LOCK RELEASE LEVER between SAFETY LOCK BASEPLATE ASSY and SAFETY LOCK SWITCH LEVER.
4. Hook the longer tip of BACK COVER LOCK RELEASE LEVER SP to the notch BACK COVER LOCK RELEASE LEVER, then slide BACK COVER LOCK RELEASE LEVER in arrow direction.



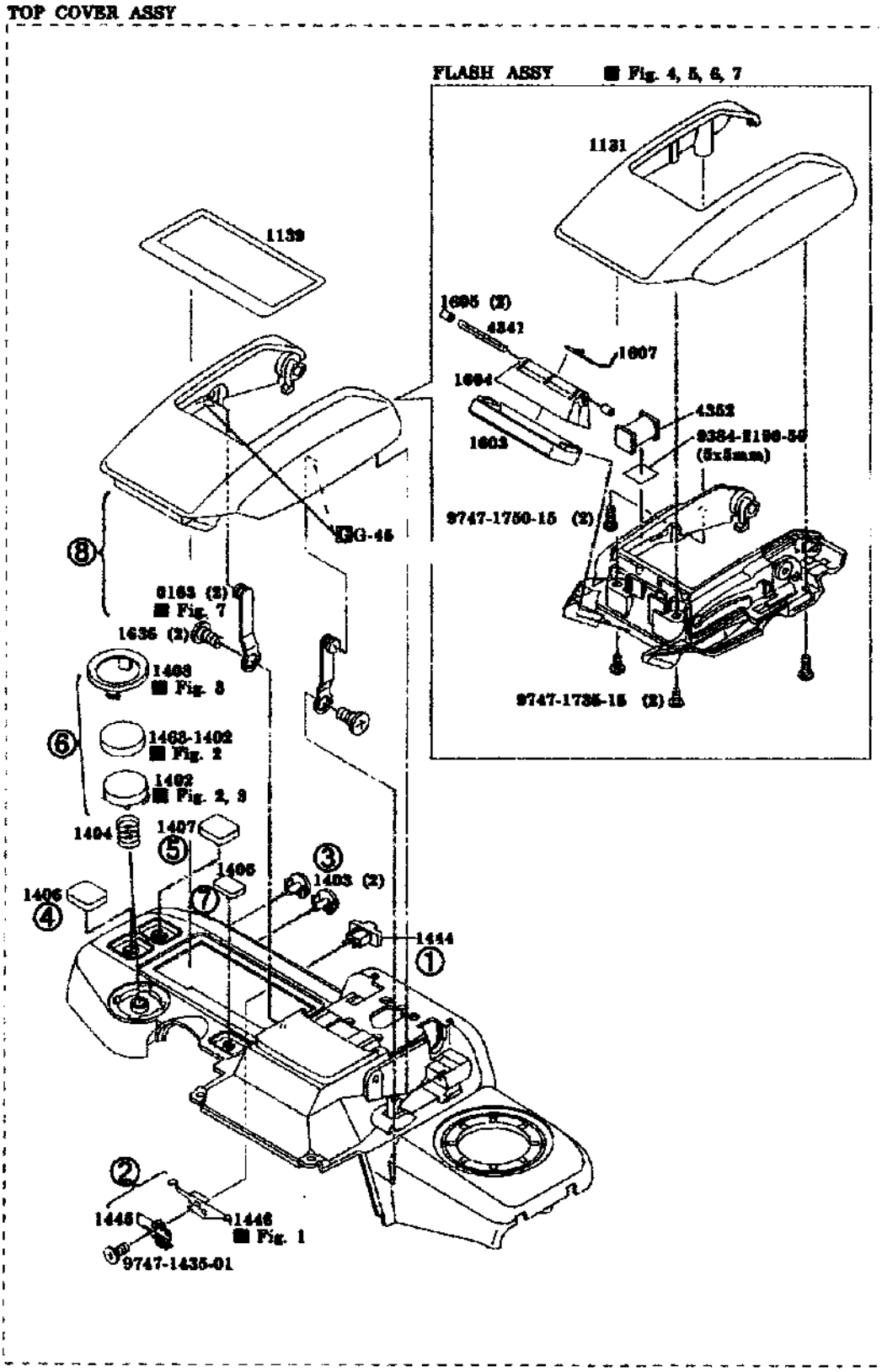
■ Fig. 10

Stick #2162-1162 to the designated position.



■ TOP COVER Assembly- I

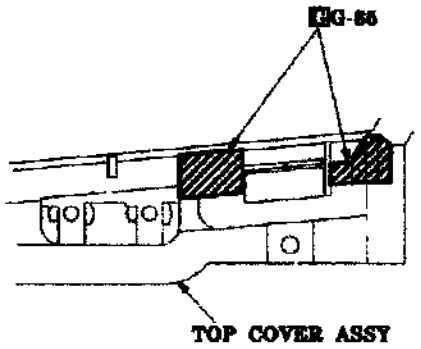
Assemble in order from 1 to 8.



REPAIR GUIDE

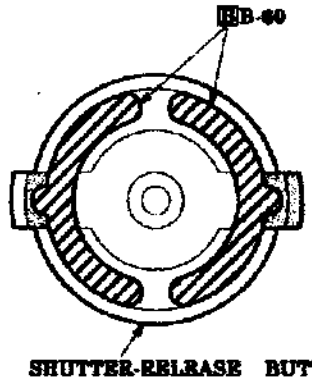
■ Fig. 1

Apply G-85 to the shaded area of TOP COVER ASSY.



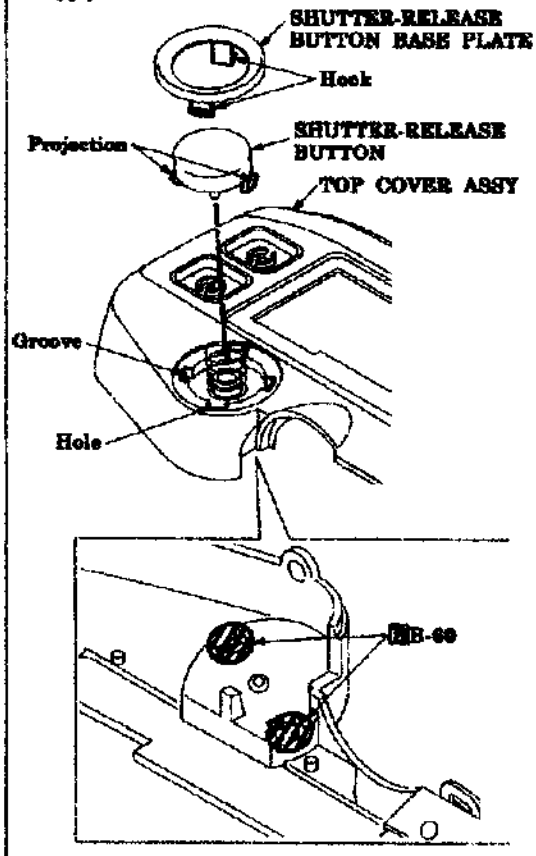
■ Fig. 2

Apply B-60 to the shaded area of SHUTTER-RELEASE BUTTON to affix SHUTTER-RELEASE BUTTON CAP.



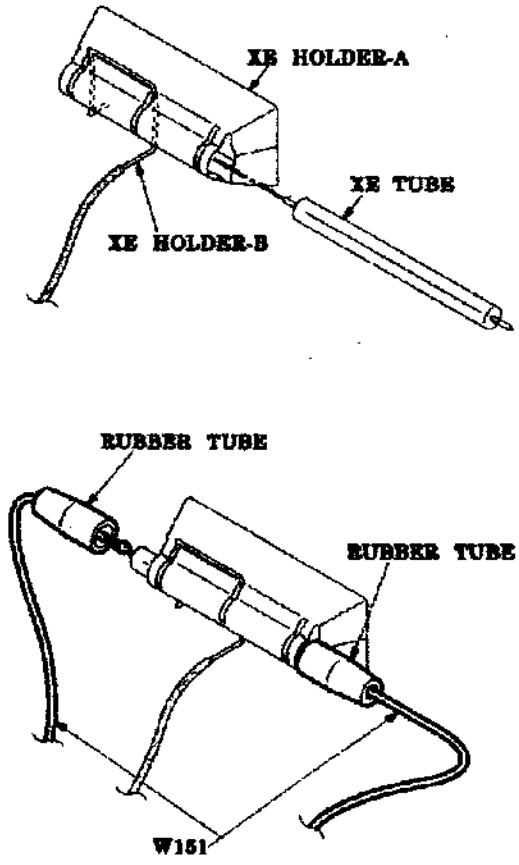
■ Fig. 3

1. Hold the projections of SHUTTER-RELEASE BUTTON fitting to the grooves of TOP COVER ASSY.
2. Insert the hooks of SHUTTER-RELEASE BUTTON BASEPLATE to the holes of TOP COVER ASSY.
3. Apply B-60 to the hooks.



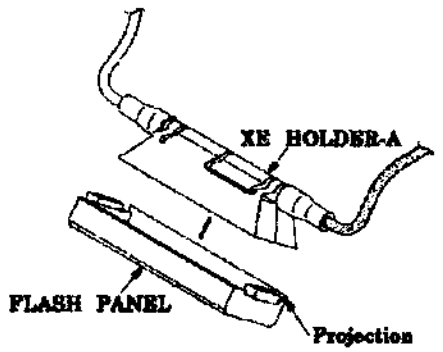
■ Fig. 4

1. Assemble XE HOLDER-A and -B the insert XE TUBE.
2. Install RUBBER TUBEs as illustrated.



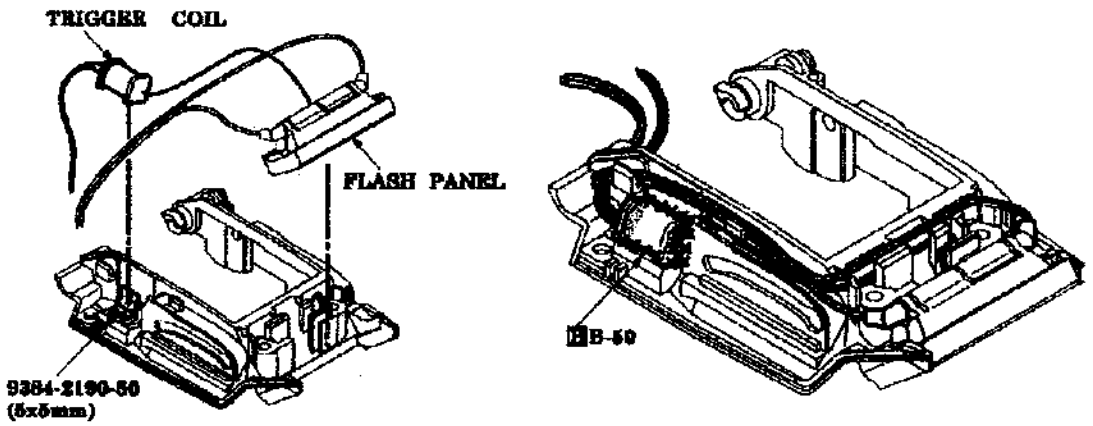
■ Fig. 5

Hold the projection of FLASH PANEL downwards, then install to XE HOLDER-A.



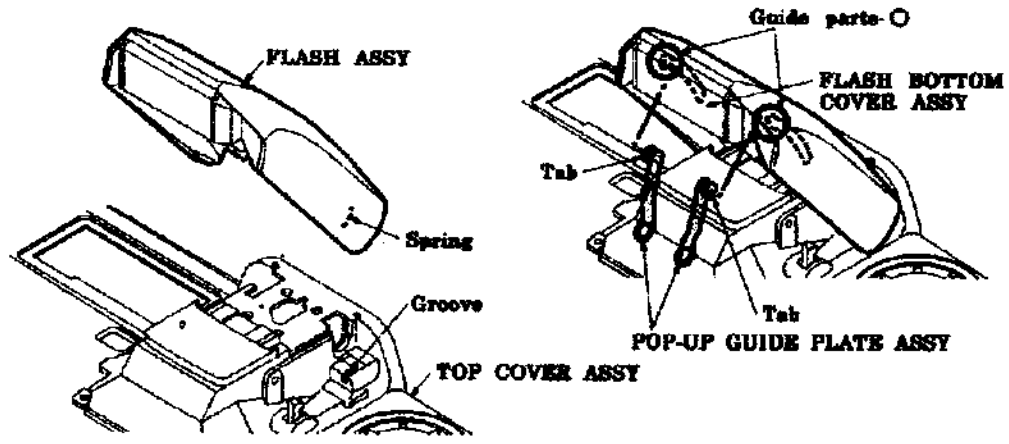
■ Fig. 6

1. Arrange FLASH PANEL, TRIGGER COIL and the lead wires as illustrated.
2. Apply B-50 to the designated position.



■ Fig. 7

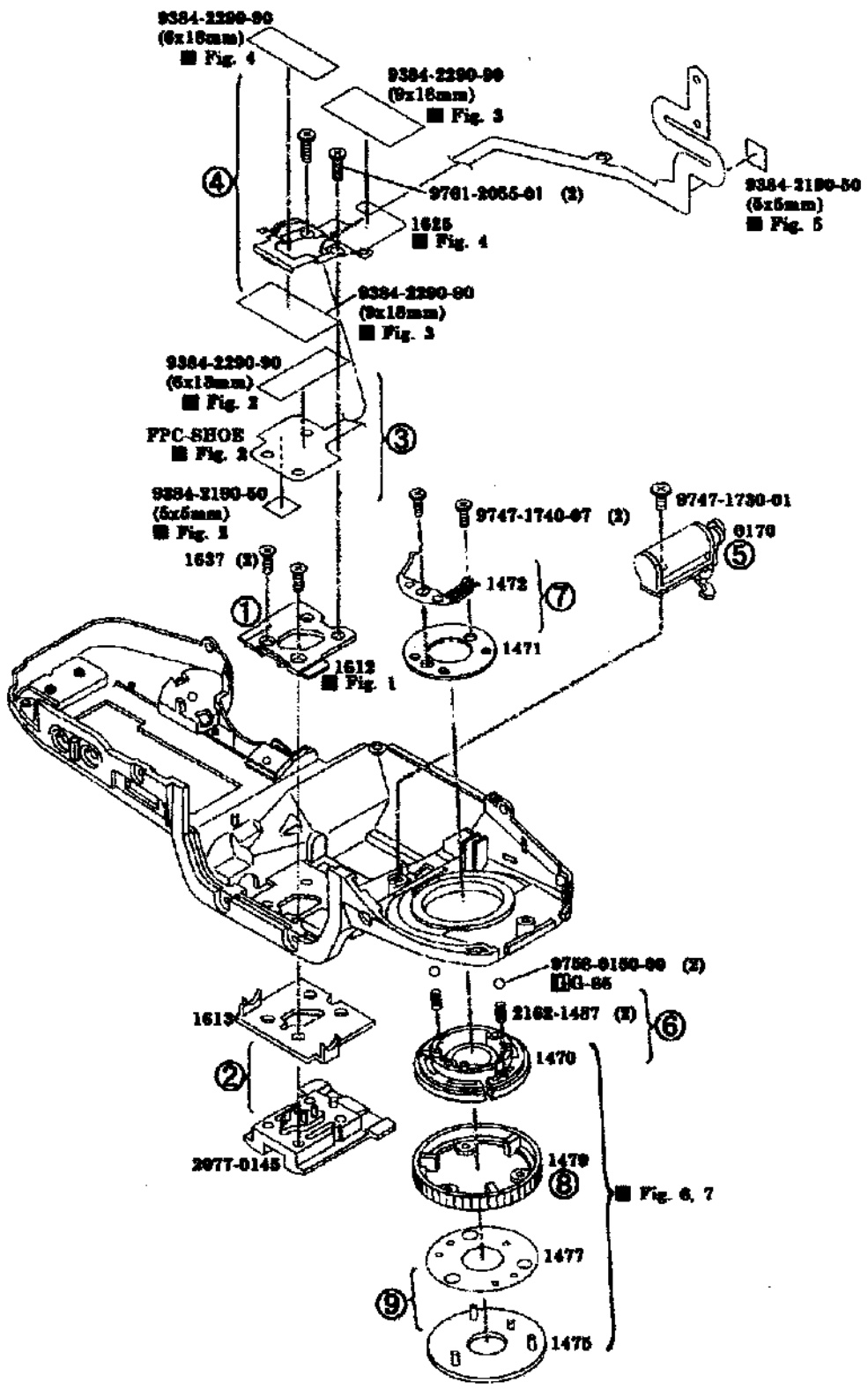
1. Hook the designated spring of FLASH ASSY to the groove of TOP COVER ASSY.
2. Insert the tabs of POP-UP GUIDE PLATE ASSY to the guide parts-○ of FLASH BOTTOM COVER ASSY to install.



■ TOP COVER Assembly-II

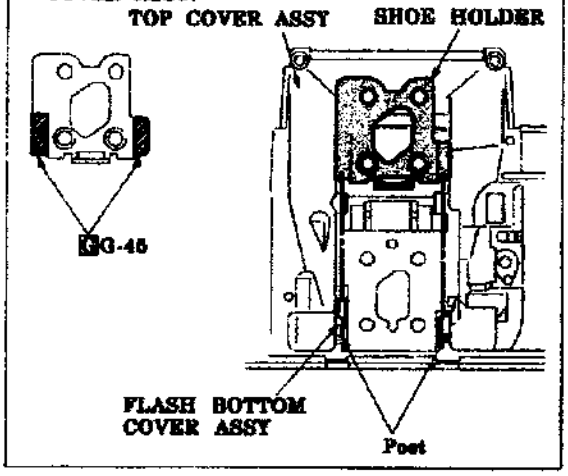
Assemble in order from 1-9.

TOP COVER ASSY



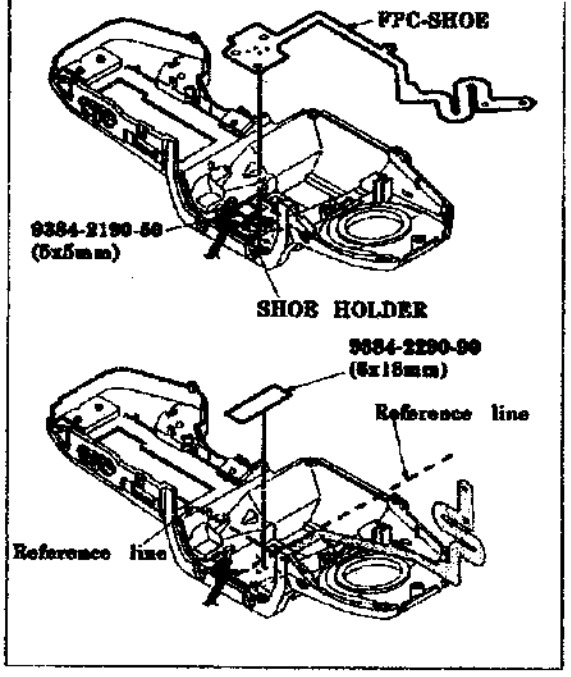
■ Fig. 1

1. Apply G-45 to SHOE HOLDER as illustrated.
2. Insert SHOE HOLDER between TOP COVER ASSY and the posts of FLASH BOTTOM COVER ASSY.



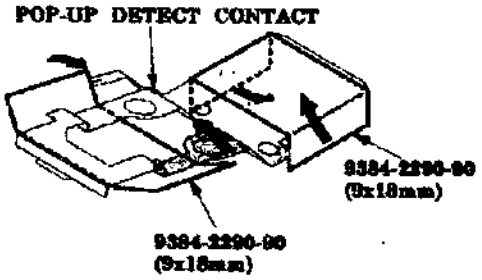
■ Fig. 2

1. Stick #9384-2190-50 to SHOE HOLDER as illustrated to affix FPC-SHOE.
2. Stick #9384-2290-90 to FPC-SHOE as illustrated.



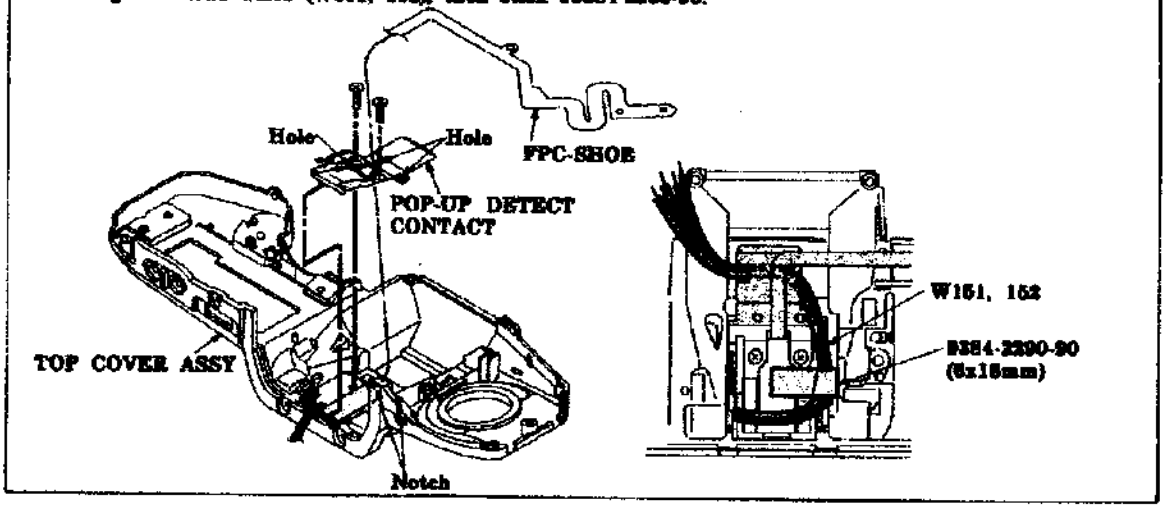
■ Fig. 3

Stick #9384-2290-90 to POP-UP DETECT CONTACT.



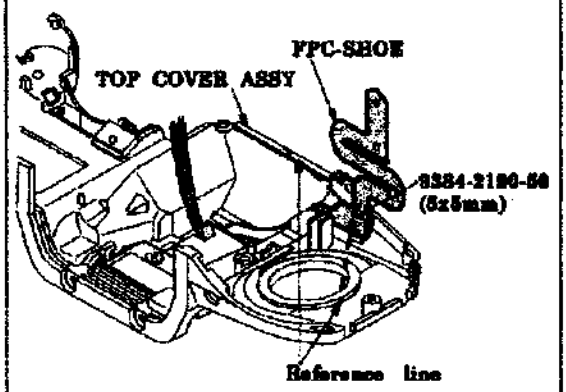
■ Fig. 4

1. Thread FPC-SHOE into the hole of POP-UP DETECT CONTACT, then fit its notchs to the posts of TOP COVER ASSY.
2. Arrange the lead wires (W151, 152), then stick #9384-2290-90.



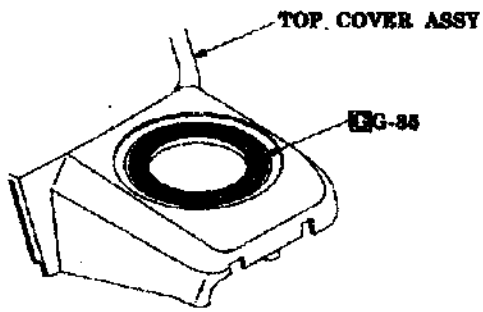
■ Fig. 5

Stick #9384-2190-50 to TOP COVER ASSY to affix FPC-SHOE.



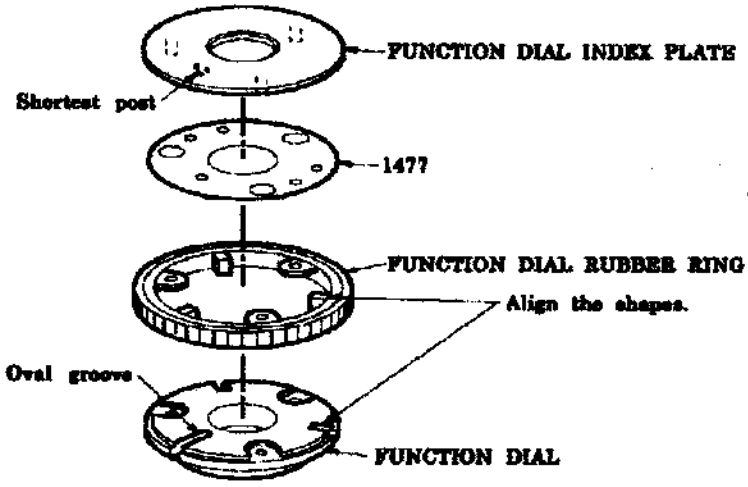
■ Fig. 6

Apply G-85 to TOP COVER ASSY as illustrated.



■ Fig. 7

1. Align the shapes of FUNCTION DIAL RUBBER RING and FUNCTION DIAL to install.
2. Affix the shortest post of FUNCTION DIAL INDEX PLATE aligning the oval groove of FUNCTION DIAL to install.

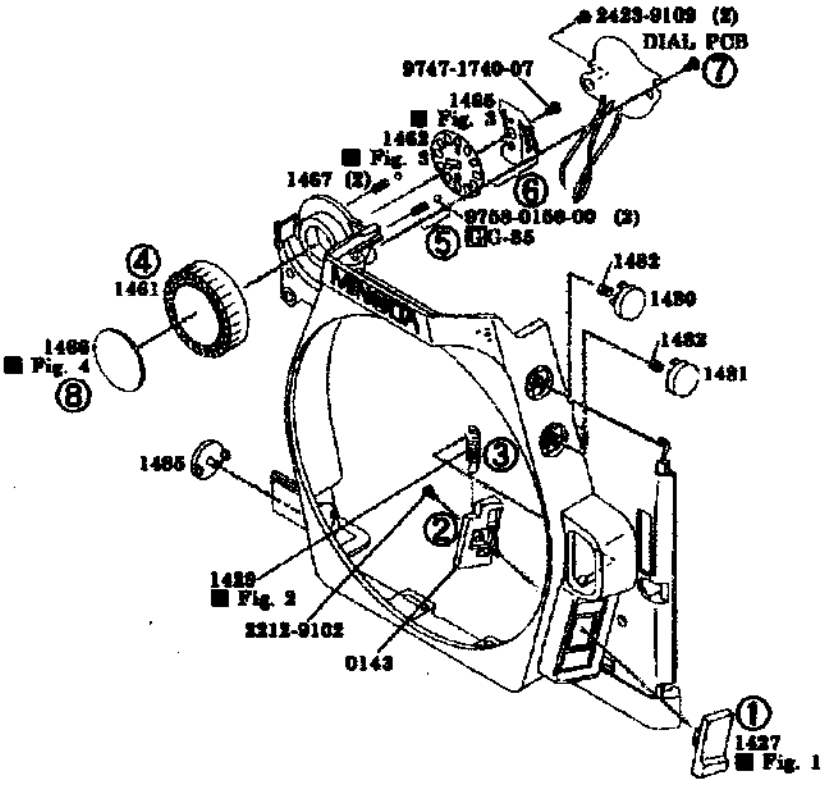


■ FRONT COVER, GRIP COVER Assembly

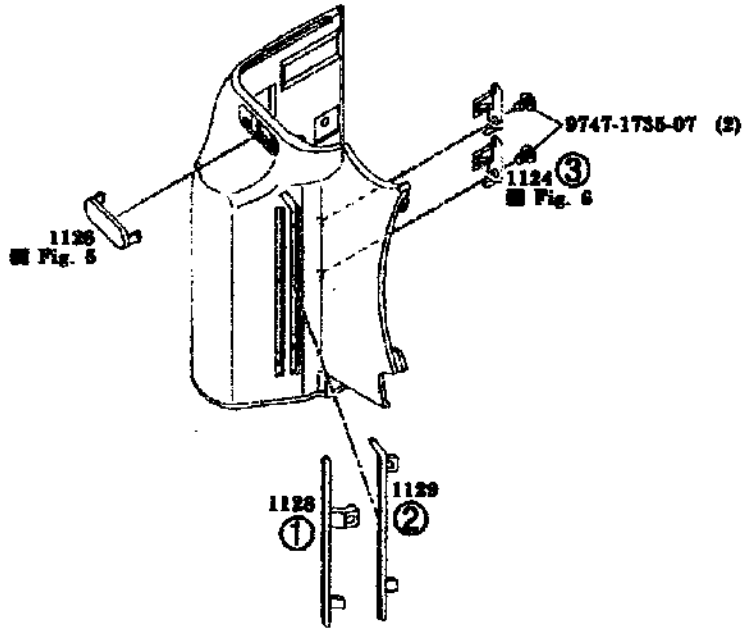
Assemble FRONT COVER in order from 1 to 8.
Assemble GRIP COVER in order from 1 to 3.

REPAIR GUIDE

FRONT COVER ASSY

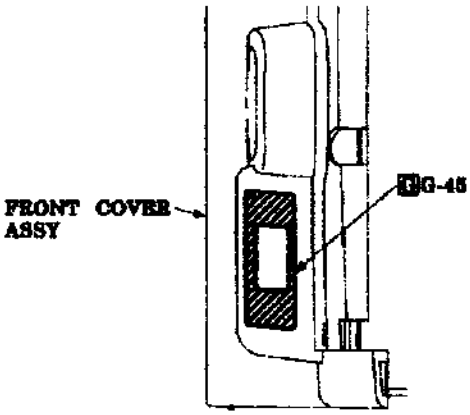


GRIP COVER ASSY



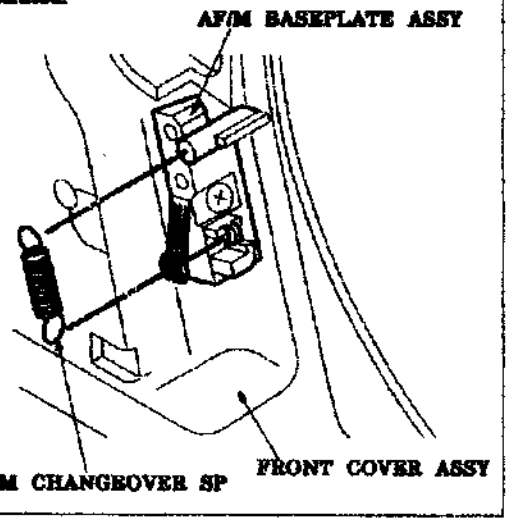
■ Fig. 1

Apply G-45 to FRONT COVER ASSY as illustrated.



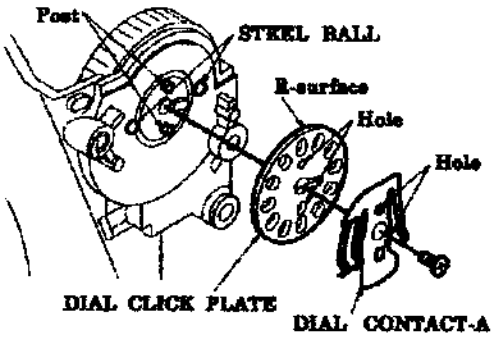
■ Fig. 2

Hook the tip of AF/M CHANGEOVER SP as illustrated.



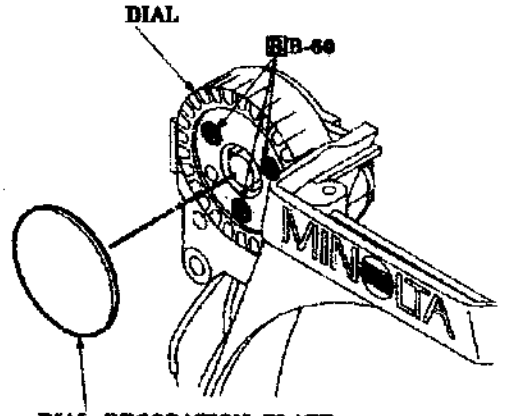
■ Fig. 3

1. Hold DIAL CLICK PLATE as illustrated, then install to FRONT COVER ASSY.
2. Fit DIAL CONTACT-A to DIAL CLICK PLATE aligning their holes.



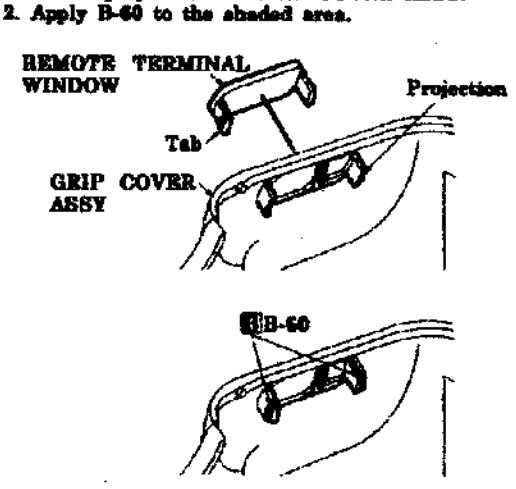
■ Fig. 4

Apply B-60 to the designated position of DIAL to affix DIAL DECORATION PLATE.



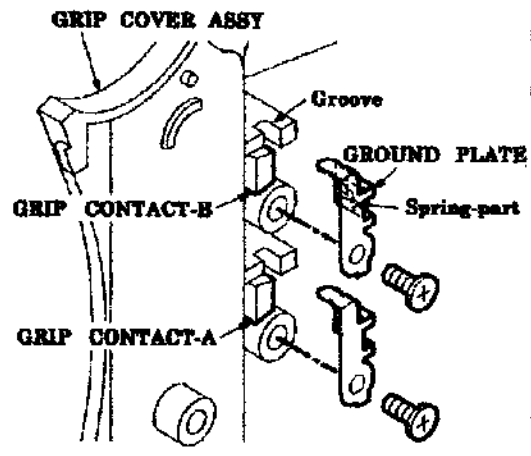
■ Fig. 5

1. Fit the tabs of REMOTE TERMINAL WINDOW to the projections of GRIP COVER ASSY.
2. Apply B-60 to the shaded area.



■ Fig. 6

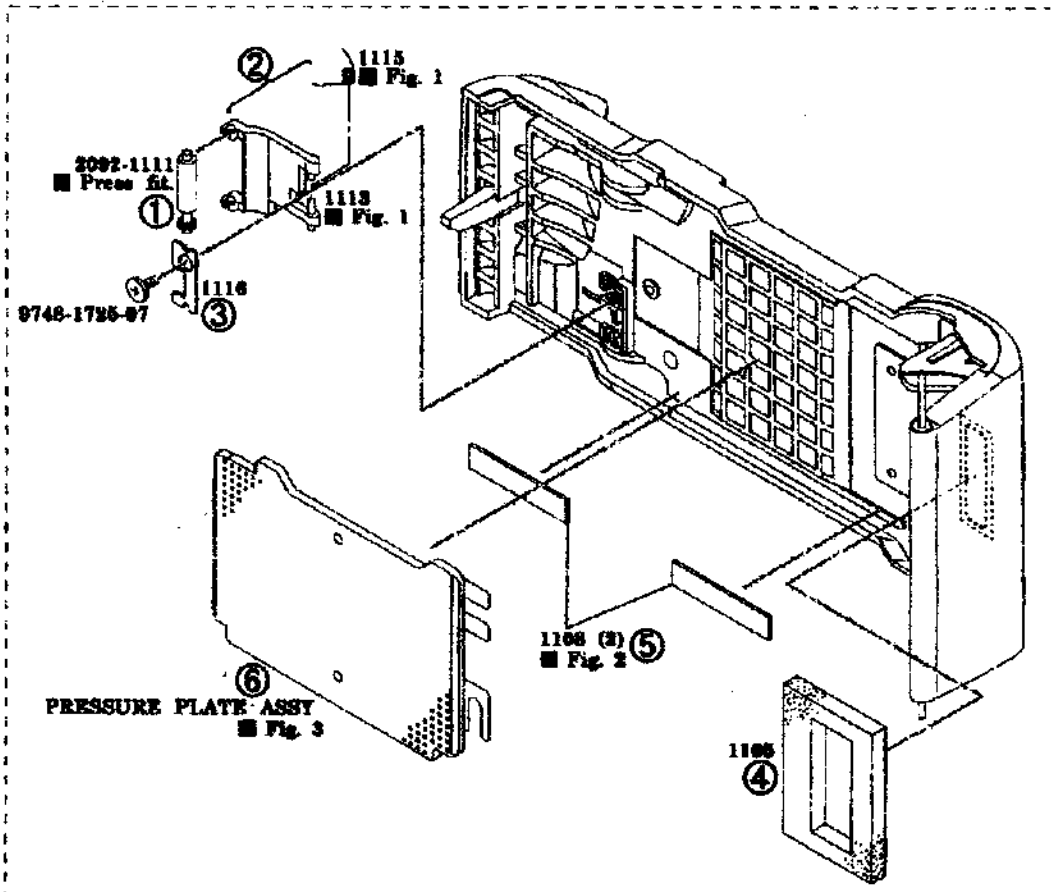
Insert GROUND PLATE to the grooves of GRIP COVER ASSY to hold GRIP CONTACT-A and -B with the spring-part.

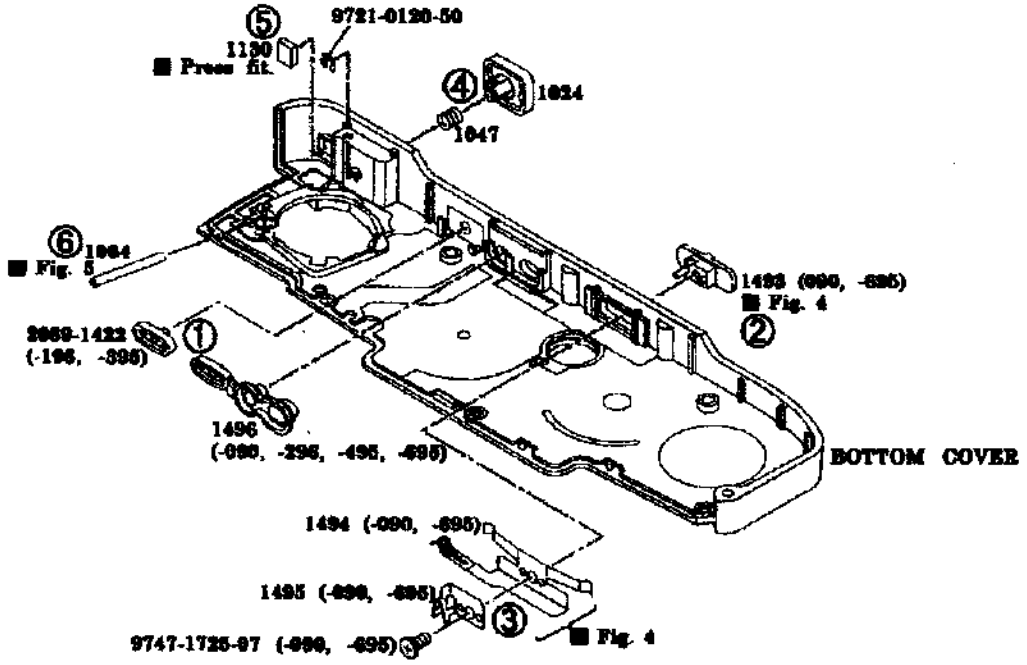


■ BACK COVER, BOTTOM COVER Assembly

Assemble BACK COVER in order from 1 to 6.
Assemble BOTTOM COVER in order from 1 to 6.

BACK COVER ASSY

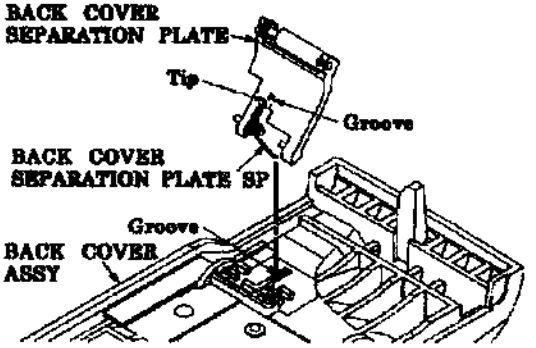




REPAIR GUIDE

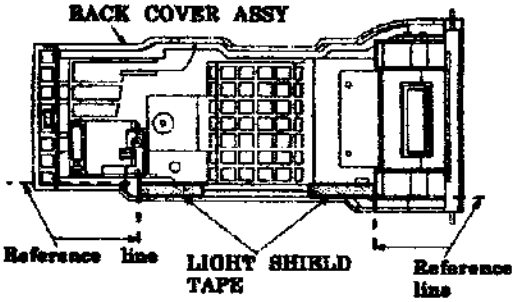
■ Fig. 1

1. Install BACK COVER SEPARATION PLATE SP to BACK COVER SEPARATION PLATE.
2. Hook a tip of BACK COVER SEPARATION PLATE SP to the groove of BACK COVER SEPARATION PLATE, then fit the other tip and install BACK COVER SEPARATION PLATE to BACK COVER ASSY.



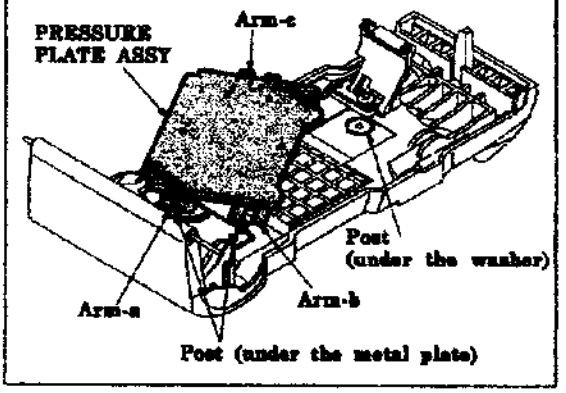
■ Fig. 2

Stick LIGHT SHIELD TAPE to the designated position of BACK COVER ASSY.



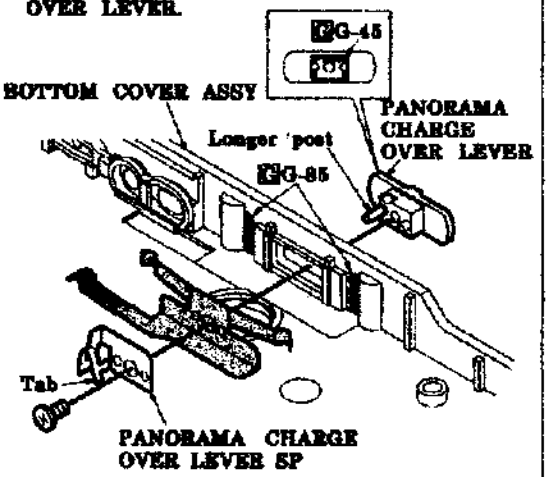
■ Fig. 3

1. Insert the arm-a of PRESSURE PLATE ASSY in arrow direction fitting to the post of BACK COVER ASSY.
2. Insert the arm-b of PRESSURE PLATE ASSY in the same way.
3. Bend the arm-c of PRESSURE PLATE ASSY to fit to the post of BACK COVER ASSY.



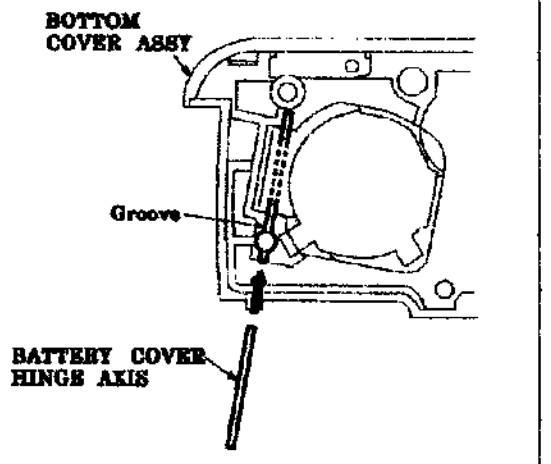
■ Fig. 4

1. Apply G-45 and G-85 in the designated position of BOTTOM COVER ASSY and PANORAMA CHARGE OVER LEVER.
2. Install the longer post of PANORAMA CHARGE OVER LEVER fitting the standard position of BOTTOM COVER ASSY.
3. Hook the tab of PANORAMA CHARGE OVER LEVER SP to the post of PANORAMA CHARGE OVER LEVER.



■ Fig. 5

Insert BATTERY COVER HINGE AXIS to the groove of BOTTOM COVER ASSY as illustrated.



REPAIR GUIDE